# S. O.

## PROCEEDINGS OF THE GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE.

GENERAL AND REVENUE SECRETARIAT.

READ.—

G. O. No. D. 10131-42—I & C 182-38, dated, the 25-26th May 1939, passing orders on a three-year plan for the development of Rural Industries in the State.

Letter No. D. 5-88-45-6, dated, 12th January 1946, from the Director of Industries and Commerce, forwarding a further three-year plan for the starting and development of Cottage Industries in the State.

Letter No. D. 5-88-45-46, dated, 13th August 1946, from the Director of Industries and Commerce, submitting further proposals in the matter.

Correspondence ending with letter No. D. 88—45-6, dated 8th October, 1946, from the Director of Industries and Commerce, submitting proposals for undertaking building and constructional works relating to Cottage Industries.

‡(Printed in extenso).

ORDER No. D. 4267-71—I. & C. 510-43-21, DATED, BANGALORE, THE 26TH FEBRUARY 1948.

The question of developing cottage industries as one of the post-war development schemes has been under the consideration of Government for some time past. During the year 1939-40, Government sanctioned the starting of 25 demonstration centres in certain districts in the undermentioned industries and it is reported that by the end of 1944-45 there were 45 centres in all.

1. Tanning.
2. Leather stitching.
3. Flying.
4. Tile-making.
5. Pottery.
6. Coir industry.
7. Village smithy at Closepet.
8. Mat-weaving.
9. Paper-making.
10. Khadi.

2. At the instance of the Central Advisory Committee for Rural Development, the Director of Industries and Commerce forwarded certain proposals in June 1944,

for the creation of an organisation in each district for making an exhaustive survey of the conditions of existing industries and the possibilities of reviving defunct or languishing industries and starting new ones, involving an expenditure of Rs. 23,000 per annum. After considering these proposals, the Director of Industries and Commerce was requested to forward a three-year plan for the development of cottage industries.

3. The revised proposals submitted by the Director involve an expenditure, both recurring and non-recurring, of Rs. 6,95,300 (for 45 existing and 23 new centres) and Rs. 8,11,492 (for 68 plus 18 centres), and Rs. 10,72,920 (for 6 plus 21 centres) during the first, the second and the third year, respectively, or a total of Rs. 25,79,721. Against this, it is expected to realise by the sale of articles manufactured at the centres, a sum of Rs. 2,22,120 during the first year, Rs. 3,62,400 during the second year and Rs. 5,51,480 during the third year or Rs. 11,36,000 in all, so that the net expenditure will be (Rs. 25,79,721—11,36,000 or) Rs. 14,43,721 for all the three years. The idea is not only to work the existing centres on intensified lines, but also to increase the number of centres of industries which have proved so far successful, so that by the end of the third year there will be in all 107 centres.

4. Of the 62 new centres proposed to be opened (23 in the first year, 18 in the second year and 21 in the third year), 5 are to be experimental units only, and 9 others commericial units to be worked on a self supporting basis, as noted below. It is also proposed to group, wherever possible, a number of industries in particular areas, *e.g.*, at the Rural Welfare Centres at Closepet Dodballapur and Anandapuram.

*Experimental Units.*

1. Coir.
2. Hand-paper.
3. Volegari.
4. Inlay work.
5. Brass work.

*Commercial Units.*

1. Tanning and Flaying.
2. Leather stitching.
3. Tile-making.
4. Pottery.
5. Smithy.

6. Mat-making.
7. Button-making.
8. Lacquer Work, and
9. Rattan Work.

The other important features of the scheme are—

(1) During each of the three years, to train for a period of six months to a year, 60 candidates as instructors for the new centres, giving them a scholarship of Rs. 25 per mensem each (cost Rs. 18,000 per annum).

(2) To keep always in stock two sets of machinery and appliances required for certain industries, to be sold at cost price to those desirous of starting any of these industries (annual grant of Rs. 1,16,700).

(3) To appoint technical experts, with the necessary staff for the undermentioned ten industries to supervise and conduct them on proper lines (cost Rs. 32,400 per annum).

1. Hand-paper making.
2. Leather tanning and stitching.
3. Pottery.
4. Tile-making.
5. Coir and Fibre.
6. Mat and Aloe-Fibre.
7. Smithy.
8. Button making.
9. Lacquer work.
10. Glass Bangle Industry.

(4) To organise a separate section in the Director's Office, under an Assistant Director, to attend solely to the administrative and audit work of Rural Industries Centres (cost Rs. 14,449 per annum).

(5) To conduct a thorough economic survey in each area where rural industries are proposed to be started, the preliminary survey to be done by the District Development Officers and the detailed survey by Technical Experts.

(6) To entrust the work of erecting the buildings required for the centres to the Industries and Commerce Department itself instead of to the P.W.D., an Assistant Engineer with the necessary staff being appointed for the purpose (cost Rs. 4,780 per annum).

(7) To constitute a separate Development Fund for financing these industries, to which will be credited the grants made by Government every year for cottage industries and which will be operated upon by the Director. This is to obviate the lapsing of unspent

balances of budget grants at the end of each official year. The present system of pre-audit of bills by the Comptroller will, however, continue.

(8) Type designs in respect of each industry furnishing the following particulars to be prepared and published in the form of bulletins:—

(i) The natural facilities required to start the industry.

(ii) The processes involved.

(iii) The non-recurring and recurring expenditure.

(iv) Return expected.

5. After further discussions, the Director was requested to forward a modified scheme. He, accordingly, submitted a scheme to run the 68 centres of the first year of the plan, any centres started over and above this number being transferred to the District Boards. Of the 68 centres, those relating to smithy, pottery, mat-weaving, carpet manufacture, hand-paper making, volegari and coir work, were to be grouped in the four Rural Welfare Centres at Closepet, Dodballapur, Anandapuram and Chitaldrug. As against the total expenditure of Rs. 6,95,309 estimated for the first year of the three-year plan, the modified proposals envisage an expenditure of Rs. 8,16,595 (non-recurring Rs. 3,17,105 and recurring Rs. 4,99,490), the extra amount of Rs. 1,21,286 being due to the following items not included in the three-year plan:—

| | *Non-recurring.* | *Recurring.* |
|---|---|---|
| | Rs. | Rs. |
| 1. Proposals already submitted and some since sanctioned for development of certain existing centres. ... | 75,320 | 39,086 |
| 2. Nine mechanics to work under the District Development Officers for survey work. ... | ... | 6,480 |

From the above sum of Rs. 8,16,595, the amount of Rs. two lakhs allocated to the Department from the budget grant for cottage industries and also a sum of Rs. 72,272-13-0 (non-recurring Rs. 53,906-13-0 and recurring Rs. 18,366-0-0) already sanctioned under (1) above, have to be deducted and only the balance has to be given as an additional grant. A sum of Rs. 2,22,120 is expected

to be realised from the sale of the products of the 68 centres.

6. The three-year plan was approved by the Cottage Industries Committee on 27th September 1945. It was also approved by the Policy Committee for Industries and Commerce on 21st December 1945 with an expenditure of Rs. 7,34,705 non-recurring and Rs. 18,42,016 recurring or a total of Rs. 25,76,721 for the three years. The Co-ordination and Finance Committee have also approved the scheme with first priority and recommended that the additional expenditure may be met from the Industrial Development Fund.

7. The Director has forwarded details of the industries to be started during each of the three years and also copies of thirteen type designs with his letter dated 17th December 1945, a copy of which is appended to this order. According to the figures now given, the gross expenditure during each of the three years will be Rs. 8,36,440, Rs. 7,43,644 and Rs. 9,73,596, respectively, or a total of Rs. 25,53,680. The variations from the figures given previously are said to be due to the type designs having been slightly revised. Deducting anticipated realisations, the net expenditure is estimated at Rs. 12,71,150. From the fourth year onwards the recurring expenditure will be Rs. 6,87,976 and the anticipated realisations Rs. 5,64,440, leaving a net expenditure of Rs. 1,23,536.

8. The Comptroller has forwarded a verified proposition statement (appended to this Order) relating to the extra establishment included in the three-year plan for the Director's Office. The extra cost will be Rs. 9,351 per annum, as against Rs. 14,449 included in the plan.

The following new centres, which involve an expenditure of Rs. 86,210, have already been sanctioned and this amount will have to be deducted from the estimated expenditure for the first year:—

| | | |
|---|---|---|
| 1. | *Tanneries* ... | ... Idagur<br>Pavagada. |
| 2. | *Leather Stitching* | ... Anandapuram. |
| 3. | *Tile-making* ... | ... Beilur (Nagamangala Taluk)<br>Bagepalli. |
| 4. | *Coir Work* ... | ... Nanjangud. |

The Director also states that the ten centres proposed to be started in the Closepet Rural Welfare Centre, as a result of the survey conducted there, may be included

among the sixty-two centres proposed to be started under the three-year scheme. The starting of these ten centres has been recently sanctioned with a non-recurring expenditure of Rs. 16,580 and a recurring expenditure of Rs. 46,080 (net Rs. 14,210). This must also be excluded from the expenditure now to be sanctioned.

9. As regards experts, the following posts have already been sanctioned :—

1. Leather Tanning Expert on Rs. 250 per mensem (the grade proposed in the plan is Rs. 200–20–300).
2. Coir Expert on Rs. 250 per mensem for six months (the grade proposed in the plan is Rs. 150–10–200).
3. Pottery Expert on Rs. 100 per mensem (the grade proposed in the plan is Rs. 150–10–200).

10. The Director has requested that he may be permitted to carry out the building works connected with cottage industries departmentally, as the existing procedure of entrusting them to the Public Works Department involves considerable delay. He suggests that he may be given the power to carry out capital works up to a maximum cost of Rs. 15,000 and repair works up to a maximum of Rs. 1,500 under the supervision of a qualified overseer and also requests that the posts of an Assistant Engineer and his staff asked for in the three-year plan may be sanctioned.

11. Government are pleased to sanction the three-year plan with the modified plan for the first year, barring the sanctions already accorded, as detailed below :—

| | *Non-recurring* | *Recurring* |
|---|---|---|
| | Rs. | Rs. |
| (1) Extra expenditure since sanctioned in existing centres ... ... | 53,907 | 18,366 |
| (2) New centres ... | 86,210 | (recurring and non-recurring). |
| (3) New centres in Closepet R. W. C. ... | 16,580 | 46,080 |
| (4) Three posts of experts... | ... | 7,200 |
| Total R. & N. R. ... | 2,28,343 | |

To this must be added the sum of Rs. 4,00,000 allotted for cottage industries during the year 1947-48. The extra expenditure to be incurred during the first year will, therefore, be (Rs. 8,16,595—6.28,343 or) Rs. 1,88,252 against the sum of Rs. 8,16,595 indicated in the plan. The total expenditure on the three-year plan will, as suggested by the Co-ordination and Finance Committee, be

met from the Industrial Development Fund, which stands at present at about Rs. 31,00,000.

The Director's proposal that he may be permitted to carry out the building works departmentally is also approved, provided the cost in each case is not more than Rs. 10,000. The staff required for the purpose may be taken from the Public Works Department on a temporary basis for one year for the present.

The Director is requested to furnish information regarding the expenditure incurred on the existing forty-five (45) centres, the balance of estimated cost for the first year and details for the same.

Government consider that there is no need to open a separate fund account as proposed by the Director. The entire transactions may be exhibited in the budget under separate minor and detailed heads grouped according to the nature of industries, such as tanning, pottery, smithy, mat-making, tile-making, etc., as under:—

28. *Industries and Commerce.*—4. Demonstration and Experiments—Rural and Minor Industries.

| | | | |
|---|---|---|---|
| (*a*) Supervisory staff:— | Salaries ... | ... | |
| | Establishment | ... | |
| | Contingencies | ... | |
| | T. A. | ... | |
| (*b*) Tanning:— | Establishment | ... | |
| | Wages ... | ... | |
| | Raw materials | ... | |
| | Total | ... | |
| (*c*) Tile making:— | Establishment | ... | |
| | Wages | ... | |
| | Raw materials | ... | |
| | Grand total | ... | |
| Deduct Expenditure met out of Industrial Development Fund ... | | ... | |
| | Balance | ... | Nil |

The lumpsum grant hitherto made for Rural and Minor Industries may be shown as a grant-in-aid to the Industrial Development Fund so as to partly recoup the amount spent out of it, the normal receipts from the centres being shown under suitable detailed heads under "XXII. Industries and Commerce." That portion of the

grant, such as, for instance, the amount spent for the manufacture of machinery and appliances, which is to be entirely recoverable, as also the working advances, may be shown under separate advance heads and not under the revenue heads—"23. Industries and Commerce."

The Director of Industries and Commerce and the Comptroller to Government are requested to discuss the above account procedure and forward separate recommendations for the consideration of Government.

CHARLES E. NORONHA,

*Secretary to Government,*

*Development Department.*

To—The Director of Industries and Commerce in Mysore.
The Comptroller to Government through the Financial Department.
The Heads of Departments.
The Deputy Commissioners of Districts.
The Compiler, *Mysore Gazette.*

*Copy of letter No. D5-88—45-46, dated, 17th December 1945, from the Director of Industries and Commerce in Mysore, to the Secretary to Government, Development Department, Bangalore.*

*Subject* :—**Three-year plan for the development of Cottage and Rural Industries.**

With reference to your letter No. D. 3696—I. & C. dated 12th November 1945, on the above subject, I have the honour to enclose herein a statement showing the Recurring and Non-recurring expenditure involved on the 23 new Centres proposed to be started during 1945-46 (as also during 1946-47 and 1947-48). The figures furnished in this Statement are based on the details furnished in the 13 type designs copies of which are also enclosed. The figures now furnished vary slightly from those furnished in the statement sent, enclosed with my letter No. D5. 88-45-46, dated 26th September 1945, with which the three-year plan was submitted by me, due to the type designs for each industry having been slightly revised. The net additional grant required towards non-recurring and recurring expenditure during 1945-46 as per statement now enclosed amounts to Rs. 4,96,610.

A proposition statement for the central staff required in my office to attend to the work relating to the three-year plan involving a net extra expenditure of Rs. 9,351 is also enclosed. Two copies of the proposition statement are sent separately to the Comptroller for verification and submission to Government as desired in your letter.

First year 1945-46.

| Particulars | No. of Centres | Non-Recurring | Recurring |
|---|---|---|---|
| | | Rs. | Rs. |
| 1. Existing Centres during the year. | 45 | 17,945 | 72,715 |
| 2. Proposed Centres during the year. | 23 | 2,27,740 | 2,10,948 |
| 3. Experts with staff ... | ... | ... | 32,400 |
| 4. Assistant Engineer with staff ... | ... | ... | 4,780 |
| 5. Central Organisation staff (Nett). | ... | ... | 9,351 |
| 6. Scholarships ... ... | ... | ... | 18,000 |

| Particulars | No. of Centres | Non-Recurring | Recurring |
|---|---|---|---|
| | | Rs. | Rs. |
| 7. Additional grant required for expenditure on the existing centres as per proposals already submitted to Government in some cases, which is not included in the first year's estimate of the three-year plan. | ... | 75,320 | 39,486 |
| 8. Nine mechanics; one for each District to work under the District Development Officers. | ... | ... | 6,480 |
| 9. Working advance to stock two sets of machinery in each industry. | ... | ... | 1,16,700 |
| 10. Other expenditure on machinery and remuneration to the Draftsman. | ... | ... | 4,575 |
| Total ... | 68 | 3,21,005 | 5,15,435 |
| Grand Total ... | | | 8,36,440 |
| Deduct (*a*) Grant sanctioned for the year 1945-46 ... 98,000 | ... | | |
| (*b*) Anticipated realisations for the year 1945-46... 2,41,830 | 68 | | |
| | | | 3,39,830 |
| Net ... | | | 4,96,610 |
| SECOND YEAR 1946-47. | | | |
| Existing Centres ... ... | 68 | ... | 2,83,663 |
| Proposed Centres ... ... | 18 | 2,15,320 | 1,40,552 |
| Total ... | 86 | 2,15,320 | 4,24,215 |
| *Other Establishments.* | | | |
| Experts, etc., ... 32,400 | | | |
| Assistant Engineer ... 4,780 | | | |
| Office ... 14,449 | | | |
| Scholarships ... 18,000 | | | |
| Mechanics ... 6,480 | | | |
| | ... | ... | 76,109 |
| Anandapuram ... ... | ... | ... | 21,000 |
| Wool Machinery ... ... | ... | ... | 7,000 |
| | ... | 2,15,320 | 5,28,324 |
| Total ... | | | 7,43,644 |

| Particulars | | No. of Centres | Non-Recurring | Recurring |
|---|---|---|---|---|
| Deduct Receipts— | | | | |
| I. Year | ... 2,41,830 | 86 | | ... |
| II. Year | ... 1,36,430 | | | 3,78,260 |
| Net | ... | | | 3,65,384 |
| THIRD YEAR 1947-48. | | | | |
| Existing Centres | ... ... | 86 | ... | 4,24,215 |
| Proposed Centres | ... ... | 21 | 2,85,620 | 1,87,652 |
| Total | ... | 107 | 2,85,620 | 6,11,867 |
| Other Establishments | ... | ... | ... | 76,109 |
| Total | ... | ... | 2,85,620 | 6,87,976 |
| Grand Total | ... | | | 9,73,596 |
| Receipts. | | | | |
| I and II Years | ... 3,78,260 | 107 | | |
| III Year | ... 1,86,180 | | | 5,64,440 |
| | Rs. 5,64,440 | | | |
| Net | ... | | | 4,09,156 |

## ABSTRACT.

Net for three years.

| | | | |
|---|---|---|---|
| I. Year | ... 4,96,610 | IV. Year and onwards. | |
| II. Year | ... 3,65,384 | | |
| III. Year | ... 4,09,156 | Recurring | ... 6,87,976 |
| | | Receipts | ... 5,64,440 |
| Total | ... 12,71,150 | | |
| | | Net | ... 1,23,536 or Rs. 1,25,000 |

## Statement showing the Non-Recurring and Recurring Expenditure on the Existing and Proposed Cottage Industry Centres.

| Serial Number | Name of Industry | Existing Centres 1945—46 No. of Centres | Existing Centres 1945—46 Expenditure N. R. | Existing Centres 1945—46 Expenditure R. | Existing Centres 1945—46 A. R. | Proposed Centres 1945—46 Number | Proposed Centres 1945—46 Expenditure N. R. | Proposed Centres 1945—46 Expenditure R. | Proposed Centres 1945—46 A. R. | Proposed Centres 1946—47 Number | Proposed Centres 1946—47 Expenditure N. R. | Proposed Centres 1946—47 Expenditure R. | Proposed Centres 1946—47 A. R. | Proposed Centres 1947—48 Number | Proposed Centres 1947—48 Expenditure N. R. | Proposed Centres 1947—48 Expenditure R. | Proposed Centres 1947—48 A. R. | Total No. of Centres |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Village Tanning ... | 3 | 550 | 5,470 | 2,000 | 2 | 35,700 | 27,200 | 12,200 | ... | ... | ... | ... | ... | ... | ... | ... | 5 |
| 2 | Flaying ... | 2 | ... | 600 | ... | 3 | 600 | 500 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 5 |
| 3 | Leather Stitching ... | 1 | 30 | 3,560 | 2,000 | 1 | 6,500 | 16,500 | 13,800 | 1 | 6,500 | 16,500 | 13,800 | 2 | 13,000 | 33,000 | 27,600 | 5 |
| 4 | Tile-making ... ... | ... | ... | 1,110 | ... | 2 | 57,600 | 19,600 | 29,880 | 1 | 28,800 | 9,800 | 14,940 | 1 | 28,800 | 9,800 | 14,940 | 4 |
| 5 | Pottery with glazing kiln ... | 1 | 150 | 4,810 | 2,400 | ... | ... | ... | ... | 2 | 48,400 | 11,200 | ... | 2 | 48,400 | 11,200 | ... | 5 |
| 6 | Pottery ... ... | 3 | 220 | 5,090 | 1,207 | ... | ... | ... | ... | 2 | 14,880 | 8,488 | 3,840 | 2 | 14,880 | 8,488 | 3,840 | 7 |
| 7 | Coir Industry ... ... | 3 | 80 | 3,480 | 3 000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 |
| 8 | Coir Industry Verghese' Scheme ... ... | ... | ... | ... | ... | 1 | 3,500 | 35,760 | 36,000 | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| 9 | Village Smithy ... ... | 3 | 900 | 4,870 | 5,000 | 1 | 6,900 | 5,528 | 9,600 | 3 | 20,700 | 16,584 | 28,800 | 3 | 20,700 | 16,584 | 28,000 | 10 |
| 10 | Mat Weaving ... ... | 14 | 1,985 | 14,345 | 10'000 | 4 | 14,000 | 24,000 | 24,000 | 2 | 7,000 | 12,000 | 12,000 | 2 | 7,000 | 12,000 | 12,000 | 22 |
| 11 | Handmade Paper.— (a) Large Scale ... | ... | ... | ... | ... | 1 | 50,700 | 20,820 | 27,000 | 1 | 50,700 | 20,820 | 27,000 | 2 | 1,01,400 | 41,640 | 54,000 | 4 |
| | (b) Small Scale ... | 4 | 9,500 | 14,620 | 8,000 | 1 | 13,100 | 9,780 | 9,750 | 1 | 13,100 | 9,780 | 9,750 | 2 | 26,200 | 19,560 | 19,500 | 8 |
| 12 | Button-making ... | 2 | 300 | 910 | 800 | 2 | 12,600 | 8,160 | 7,800 | 1 | 6,300 | 4,080 | 3,900 | 1 | 6,300 | 4,080 | 3,900 | 6 |
| 13 | Braids and Shoe Laces | 2 | 1,360 | 2,660 | 1,800 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 |
| 14 | Brass Works ... | 1 | 2,150 | 1,600 | 1,200 | 1 | 7,600 | 10,800 | 7,200 | ... | ... | ... | ... | ... | ... | ... | ... | 2 |
| 15 | Lacquer work ... | 1 | 100 | 870 | 100 | 2 | 9,540 | 17,040 | 14,400 | 2 | 9,540 | 17,040 | 14,400 | 2 | 9,540 | 17,040 | 14,400 | 7 |
| 16 | Rattan work ... ... | 3 | 450 | 7,240 | 3,600 | 1 | 4,000 | 4,260 | 3,000 | 1 | 4,000 | 4,260 | 3,000 | 1 | 4,000 | 4,260 | 3,000 | 6 |
| 17 | Carpentry ... | 1 | 150 | 950 | 400 | 1 | 5,400 | 10,000 | 5,000 | 1 | 5,400 | 10,000 | 5,000 | 1 | 5,400 | 10,000 | 5,000 | 4 |
| 18 | Inlay work ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 19 | Volegari work ... ... | 1 | 20 | 580 | 300 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| | Total ... | 45 | 17,945 | 72,715 | 42,200 | 23 | 2,27,740 | 2,10,948 | 1,99,630 | 18 | 2,15,320 | 1,40,552 | 1,36,480 | 21 | 2'85,620 | 1,87,652 | 1,86,180 | 107 |

N. R. Denotes—Non-Recurring. R. Denotes—Recurring. A. R. Denotes—Anticipated Realisations.

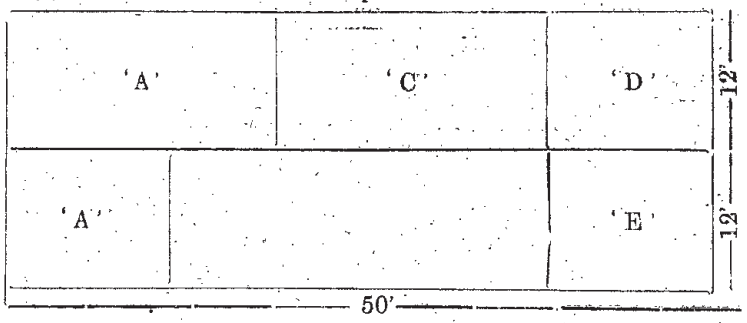
## NUMBER—1.

### WORKS FOR 12 WORKERS.

#### EXPENDITURE.

*'A' Non-recurring.*

| | | Rs. |
|---|---|---|
| Buildings :— | | |
| (*a*) Cost of acquisition of land | ... ... | 400 |
| (*b*) Construction of sheds as per sketch.. | ... ... | ... |




| | | | |
|---|---|---|---|
| 'A', Office | ... | 12'×12' | |
| 'B', Moulding Section | ... | 20'×12' | |
| 'C', Workshop Section | ... | 20'×12' | |
| 'D', Brass Furnace | ... | 12'×10' | |
| 'E', Store Room | ... | 12'×10' | 5,000 |

Equipment :—

(*a*) *Tools* :—

| | | |
|---|---|---|
| 1. | Mould Boxes, 36 at Rs. 5 each ... ... | 180 |
| 2. | Moulding Tools, 12 Sets at Rs. 5 each set ... | 60 |
| 3. | Leg Vices, 3, at Rs. 80 ... ... | 240 |
| 4. | Bench Vices, 3, at Rs. 30 ... ... | 90 |
| 5. | Hand Power Drilling Machine, 1 ... ... | 250 |
| 6. | Polishing Machine, 1, at Rs. 150 ... ... | 150 |
| 7. | Brass-melting Furnace with Chimney to melt upto 2 Cwts. 1 ... ... | 350 |
| 8. | Fan (Buffalo) for hand-power, 1 ... ... | 125 |
| 9. | Sledge-Hammers, 10 lbs., 2, at Rs. 7-8-0 ... | 15 |
| 10. | Ball Pane Hammers, 1½ lb., 1 lb. 2 lb., 3 each ... | 14 |
| 11. | Spanners, 1 Set ... ... ... | 25 |
| 12. | Screw-Drivers 3, at Rs. 2 ... ... | 6 |
| 13. | Hack Saw Frame, 1, at Rs. 10 ... ... | 10 |
| 14. | Callipers inside and outside, 3, at Rs. 2 ... | 6 |
| 15. | Smith's Bellows, 2, at Rs. 50 ... ... | 100 |
| 16. | Iron Pots, 3, at Rs. 5 ... ... | 15 |
| 17. | Tool Boxes, 6, at Rs. 15 ... ... | 90 |
| 18. | Work-bench, 1, at Rs. 40 ... ... | 40 |
| 19. | Crow Bars, 2, at Rs. 7 ... ... | 14 |
| 20. | Showels, 3, at Rs. 8 ... ... | 24 |
| 21. | Mumties (3) Rs. 10, Pic-axes (3) Rs. 10 ... | 20 |

| | | Rs. |
|---|---|---|
| 22. | Iron Pans, 3, at Rs. 5 ... ... | 15 |
| 23. | Steel Foot Rule, 2', 2, at Rs. 4 ... ... | 8 |
| 24. | Balance with scales and a set of Weights, 1 ... | 60 |
| 25. | Miscellaneous Tools ... ... | 93 |
| | Total ... | 2,000 |

(b) *Furniture*:—

| | | |
|---|---|---|
| Tables (2) | ... | Rs. 80 |
| Chairs (2) | ... | ,, 30 |
| Stools (2) | ... | ,, 10 |
| Almirah (1) | ... | ,, 80 |
| Total | ... | 200 |

Total Non-Recurring Expenditure ... 7,600

*'B' Recurring.*

a) *Raw-Materials*—

| | | Rs. |
|---|---|---|
| Raw-materials (details not available) | ... | 500 |

(b) *Wages*:—

| | | |
|---|---|---|
| 12 Workers at annas 12 a day for 25 days | ... | 225 |

(c) *Establishment*:—

| | | | | |
|---|---|---|---|---|
| 1 Mechanic on | ... | Rs. 50 | | |
| 1 Moulder | ... | ,, 50 | | |
| 1 Fitter | ... | ,, 30 | | |
| 1 Helper | ... | ,, 15 | | |
| 1 Watchman | ... | ,, 12 | | |
| Contingencies | ... | ,, 3 | | |
| | | | 160 | |
| | | Total ... | 885 | |
| | | | or 900 | |
| | | | | 900 P.M. |

*Realisations anticipated*:—

| | | |
|---|---|---|
| (Details not available) Output of finished-goods | ... | 600 ,, |
| Net expenditure per month | ... | 300 ,, |

*Note.*—Estimates are based on the figures furnished by the Superintendent of Industries, Bangalore Division and the same not verified from data collected on the work-spot.

ABSTRACT OF ESTIMATES OF EXPENDITURE RELATING TO THE THREE-YEAR PLAN OF DEVELOPMENT OF COTTAGE INDUSTRIES.

1. BRASS WORKS

*Expenditure*

| | | | | |
|---|---|---|---|---|
| 1. Non-recurring:— | | | Rs. | |
| (*a*) Buildings including cost of acquisition | | ... | 5,430 | |
| (*b*) Equipment:— Tools | Rs. 2,000 | | | |
| Furniture | ,, 200 | | 2,200 | Rs. 7,600 |
| 2. Recurring:— | | | | |
| (*a*) Raw-materials | ... | ... | 6,000 | |
| (*b*) Wages | ... | ... | 2,700 | |
| (*c*) Establishment | ... | ... | 2,100 | |
| | | Total ... | | 10,800 P.A. |
| 3. Anticipated Realisations | ... | ... | | 7,200 ,, |
| 4. Net Expenditure | ... | ... | | 3,600 , |

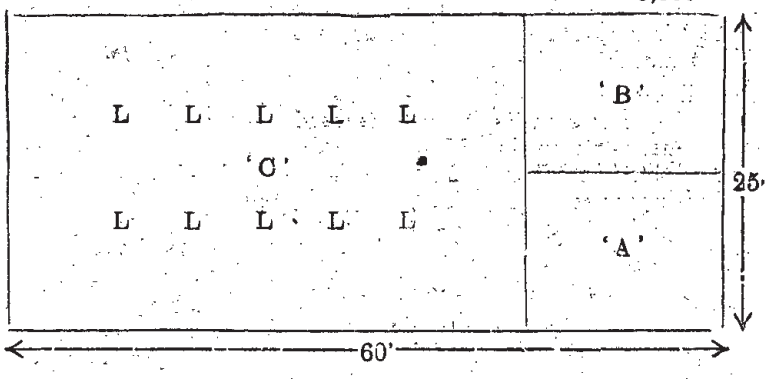
**NUMBER 2.**

MAT-WEAVING FOR 12 WORKERS.

EXPENDITURE.

'A' *Non-Recurring.*

| | | |
|---|---|---|
| 1. Buildings— | | Rs. |
| (a) Cost of acquisition of land ... | ... | 250 |
| (*b*) Construction of Sheds as per sketch— Plinth area 1,500 Sq. ft. ... | ... | 2,750 |
| | | 3,000 |



2. Equipment—

(a) Tools—

| | Rs. |
|---|---|
| Mat-looms, 10, at Rs. 9 ... ... | 90 |
| Mat-Weaving Reeds (4⅓'), 15, at Rs. 8 ... | 120 |
| Weed cleaning Knives, 12, at As. 8 ... | 6 |
| Work-boards, 1½' ×9"×4", 10, at Rs. 3 ... | 30 |
| Mat-weaving shuttle or rod, 10, at As. 10 ... | 6¼ |
| Thaklies, 10, at As. 10 ... ... | 6¼ |
| Brass Vessels for dyeing weeds, 2 at Rs 20 | 40 |
| G. I. Bucket, 1, at Rs. 4 ... ... | 4 |
| Miscellaneous Tools ... ... | 7½ |
| | 310 |

(b) Furniture—

| | Rs. |
|---|---|
| Table 1 ... | 40 |
| Chairs 2 ... | 30 |
| Almirah 1 ... | 80 |
| Box 1 ... | 20 |
| | 170 |

Total non-recurring expenditure ... 3,480 or 3,500

'B' *Recurring.*

1. Raw-materials—

| | | | |
|---|---|---|---|
| Mat-weeds (at As. 8 per mat per Loom) per day ... ... | 125 | | |
| Dyes for colouring weeds ... ... | 16 | | |
| Warp-thread (at 4 per mat) 63 Lbs. at Rs. 1-9-0 ... ... | 98 | 7 | 0 |
| Miscellaneous items ... ... | 10 | 9 | 0 |
| | 250 | 0 | 0 |
| B. F. (Recurring Charges) ... | 250 | | |

2. Wages—

12 Workers at As. 8 a day for 25 days in a month ... ... 150

3. Establishment—

1 Supervisor on Rs. 50 per mensem
1 Instructor on Rs. 30 ,,
1 Peon ——— Rs. 12 ,,
Contingencies Rs. 3 ,,

95

Total. 495 or 500

500 per mensem

Realisations anticipated—
From monthly output of 250 Mats at Rs. 2 per mat ... Rs. 500 per mensem

Net Expenditure ... ...

(From data collected from the Mat-Weaving Instructor, C. I. W., Bangalore).

2. MAT WEAVING.

*Expenditure.*

1. Non-Recurring—
   (*a*) Building (Sheds) including cost of acquisition of land ... Rs. 3,000
   (*b*) Equipment : Tools... Rs. 320
   Furniture, etc. ... 180
   500
   Rs. 3,500
2. Recurring—
   (*a*) Raw-materials ... ... 3,000 per annum
   (*b*) Wages ... ... 1,800 ,,
   (*c*) Establishment ... ... 1,200 ,,
   6,000 p. a.
3. Anticipated Realisations ... 6,000 ,,
4. Net expenditure ... ...

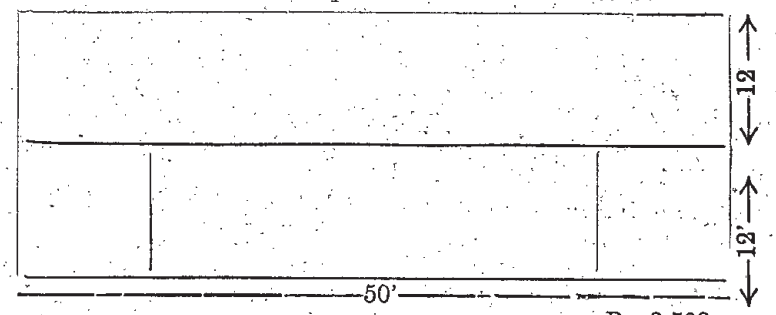
## NUMBER 3.

RATTAN WORK FOR 12 WORKERS.

EXPENDITURE.

'A' *Non-recurring.*

(*a*) Buildings— Rs.
(1) Cost of acquisition ... 400
(2) Construction of Sheds as per Sketch :
Plinth Area, 888 Sq. Ft. at
Rs. 3-8-0 a Sq. Ft. ... 3,108




Rs. 3,508
or 3,500

Rs. 3,500

(*b*) Equipment—

(1) Tools—

| | | | |
|---|---|---|---|
| 1. | Steel Knives, 6, at Rs. 2-8-0 each ... | 15 | |
| 2. | Rattan Cleaning Knives, 24, } at As. 6 each | 18 | |
| 3. | Rattan Splitting Knives, 24, } | | |
| 4. | Rattan Needles, 24 at As. 4 each ... | 6 | |
| 5. | B. W. Foot Rule, 2'—4 F, 2, at Rs. 2–8–0 | 5 | |
| 6. | Cutting Plier, 6", 2, at Rs. 4–0–0 ... | 8 | |
| 7. | Claw Hammer, 1–1/2 Lbs.. 2, at Rs. 3-8-0 | 7 | |
| 8. | Hand–Saw, 1-1/2', 2, at Rs. 5-0-0 ... | 10 | |
| 9. | Half Round Wood Rasps, 12", 3, at Rs. 2-8-0 | 7½ | |
| 10. | Flat Files, 12", 3, at Rs. 2-8-0 ... | 7½ | |
| 11. | Triangular Files, 6", 6, at Rs. 1-8-0 ... | 9 | |
| 12. | G. I. Bucket, 2, at Rs. 4-0-0 ... | 8 | |
| 13. | Iron Frame and Back Moulds for different types of Chairs, 4, at Rs. 12-8-0 ... | 50 | |
| 14. | Carpenter's Brace, 10", 2, at Rs. 10-0-0 ... | 20 | |
| 15. | Cistern built of brick in mortar and Cement plasteed for soaking Handi Betta 12' × 2½' × 2' | 1 50 | |
| 16. | J. W. Almirah for Tools, 1, ... | 50 | |
| 17. | Work Stools, 1½' × 1½', 12, at Rs. 4-0-0 ... | 48 | |
| 18. | Rattan bending Rollers, 9', 1–S ... | 12 | |
| 19. | Miscellaneous Tools ... | 19 | |

(2) Furniture—

| | | | | | |
|---|---|---|---|---|---|
| 2 | Tables | .... | Rs. 60 | | |
| 2 | Chairs | ... | 30 | | |
| 1 | Almirah | ... | 60 | 150 | |
| | | | | | 500 |

Total Non-recurring Expenditure ... Rs. 4,000

'B' *Recurring.*

(1) Raw-Materials—

| | | |
|---|---|---|
| Handi Bethas, 250 per month | Rs 30 | |
| Halu Bethas and Kiralu Bethas, 900 per month | 70 | |
| Other materials ... | 20 | |
| | 120 p. m. | |

(2) Wages—

| | | |
|---|---|---|
| 12 Workers at As. 8 a day for 25 days in a month ... | 150 | ,, |

(3) Establishment—

| | | | | | |
|---|---|---|---|---|---|
| 1 | Supervisor on | ... | Rs 40 per mensem | | |
| 1 | Clerk | ... | 30 ,, | | |
| 1 | Peon | ... | 12 ,, | | |
| Contingencies | | ... | 3 ,, | | |
| | | | | 85 | ,, |

Total Recurring Charges ... 355
or 4,260 p. a.

| | | Rs. |
|---|---|---|
| Realisations anticipated— | | |
| Output of finished goods | per mensem | 250 |
| | | 3,000 p. a. |
| Net expenditure | | Rs. 1,260 p. a. |

*Note* :—This provides a rough estimate of expenditure based on figures given in part by the Superintendent, Industrial School, Hassan.

### 3. Rattan Work.

*Expenditure.*

| | | | Rs. | Rs. |
|---|---|---|---|---|
| 1. | Non Recurring— | | | |
| | (*a*) Building including cost of Acquisition | | 3,500 | |
| | (*b*) Equipment. Tools ... | Rs. 350 | | |
| | Furniture... | 150 | | |
| | | | 500 | |
| | Total. ... | | | 4,000 |
| 2. | Recurring— | | | |
| | (*a*) Raw-materials | ...per mensem | 1,440 | |
| | (*b*) Wages | ... ,, | 1,800 | |
| | (*c*) Establishment | ... ,, | 1,020 | |
| | Total. ... | | | 4,260 p. a. |
| 3. | Realisations anticipated | ... | | 3,000 ,, |
| 4. | Net Expenditure. | ... | | Rs. 1,260 ,, |

## NUMBER 4.

### HAND-MADE PAPER CENTRE FOR 30 WORKERS
(Large Scale).

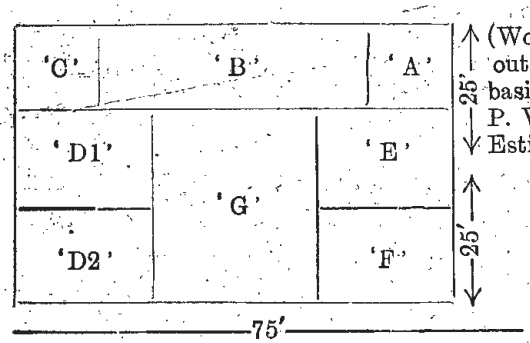
### PRODUCTION :. 120 Lbs. OF SUPERIOR PAPER PER DAY.

EXPENDITURE.

*"A" Non-Recurring* :

| | | Rs. |
|---|---|---|
| 1. | Buildings:— | |
| | (*a*) Cost of acquisition ... ... | 1,000 |
| | (*b*) Construction of sheds built of walls brick in mud and of roofing of asbestos sheets as per sketch : built up. | |

Plinth area, 3,125 sq. ft. at Rs. 6-8-0 per sq. ft Rs. 20,317
or 20,300




'A' Accommodation for Boiling and Digestion, 25' x 15'
'B' Accommodation for washing, pulp-making, sheet-lifting and drying, 25' x 40';
'C' Accommodation for Glazing, Cutting and Finishing processes. 25' x 25'
'A', 'B', 'C'—One long open shed
'D1', Stores, 25' x 12½'
'D2', Office, 25' x 12½'
'E', Fuel Stores, 25' x 12½'
'F', Extra accommodation for wet processes, 25' x 12½' Rs. 21,300

2. Equipment:(a)—

| | | | |
|---|---|---|---|
| 1. | Keer type open Boiler for digesting Straws and grasses and paper cuttings which are bulky, 2, at Rs. 775 each ... | 1,550 | ... |
| 2. | Twenty-gallon capacity digestors with safety valve, with provision for fixing a pressure guage, a thermometer and a steam exit 2, at Rs. 650 each ... | 1,300 | ... |
| 3. | Power Beaters for pulp-making, 2 at Rs. 1,200 each ... | 2,400 | ... |
| 4. | Erection and Masonry work for beaters 2s. ... | 600 | ... |
| 5. | Electric Motor, 15 H. P. (one) with accessories ... | 2,500 | ... |
| 6. | Paper-lifting Vats of G. I. or wood, 4, at Rs. 300 ... | 1,200 | ... |
| 7. | Work Tables, 8, at Rs. 30 ... | 240 | ... |
| 8. | T. W. Boards, 3-½' x 2-¾' x 1", 12, at Rs. 20 ... | 240 | ... |
| 9. | Paper lifting moulds and deckle, 8, at Rs. 50 ... | 400 | ... |
| 10. | Napkins, 2,000 at As. 8 ... | 1,000 | ... |
| 11. | Rope for drying, 6 at Rs. 30 ... | 180 | ... |
| 12. | Drying Chambers of G. I. sheet. 2, at Rs. 450 ... | 900 | ... |

| | | Rs. | Rs. |
|---|---|---|---|
| 13. | Boiler for the Drying Chamber, 1, Rs. 400 ... | 400 | ... |
| 14. | Heavy Screw-Press for dry-pressing (1) Press for wet-pressing (2), 3, at Rs. 1,000 ... | 3,000 | ... |
| 15. | Tub-sizing Trays, 2, at Rs. 50 ... | 100 | ... |
| 16. | Plate-glazing calendar of heavy pressure with plates suitable for mineral and power operation, 1, at Rs. 2,000 | 2,000 | |
| 17. | Electric Motor to run the Plate Glazing Machine, 2 H. P. 1 at Rs. 400 .... | 400 | ... |
| 18. | Jyothi Paper cutting machine, 30" (to be got from Baroda) 1, at Rs. 3,000 | 3,000 | ... |
| 19. | Electric-motor and accessories to work the cutting machine, 1 at Rs. 400 ... | 400 | ... |
| 20 | Envelope-making press and 4 sets, of dies, 1, s. ... | 1,000 | ... |
| 21. | Shafting and Pulleys ... | 800 | ... |
| 22. | Miscellaneous items like thermometer, balances and weights, vessels, spanners, scissors, clips, printing machine, gunny bags, etc. ... | 1,000 | ... |
| | | 24,610 or 24,600 | |
| (b) | Power, Light and Water-supply— | | 45,900 |
| | 1 pump to lift water from the well and an overhead tank for water storage and pipe line (to provide water supply at 700-800 gallons per hour) ... | 1,500 | ... |
| | Electric power connections and lights ... | 2,000 | ... |
| | Construction of soak pit, ovens, drains, etc. ... | 800 | ... |
| | | 4,300 | 4,300 |

| (c) Office-furniture— | Rs. | a. | p | | |
|---|---|---|---|---|---|
| 3 tables at 36 each ... | 108 | 0 | 0 | | |
| 3 Chairs ... | 34 | 8 | 0 | | |
| 3 Side-benches ... | 87 | 0 | 0 | | |
| 1 Box ... | 19 | 8 | 0 | | |
| 2 Benches ... | 31 | 0 | 0 | | |
| 4 Stools ... | 22 | 0 | 0 | | |
| Racks for paper, etc. ... | 180 | 0 | 0 | | |
| Freight ... | 18 | 0 | 0 | 500 | 500 |

Abstract of Non-recurring Expenditure—

| | | | |
|---|---|---|---|
| 1. | Buildings | 21,300 | |
| 2. | Equipment, tools and machinery ... | 24,600 | |
| 3. | Electric power connections and water supply arrangements ... | 4,300 | |
| 4. | Furniture ... | 500 | |
| | Total ... | 50,700 | 50,700 |

*"B" Recurring.*

| | | Rs. | Rs. |
|---|---|---|---|
| 1. | Raw-materials— | | |
| | (*a*) Raw-materials like straw, rags, etc. and chemicals like caustic soda, bleaching powder, etc. ... | 900 p. m. | |
| | (*b*) Miscellaneous production charges ... | 50 „ | |
| | | 950 „ | |
| 2. | Wages— | | |
| | 10 workers at Rs. 25 p.m. (average) Rs. | 250 | |
| | 20 workers on daily wages at As. 12 a day for 25 days in the month | 375 | |
| | | 625 | 625 p. m. |
| 3. | Establishment— | | |
| | 1 Senior Demonstrator on Rs. 60 per mensem | | |
| | 1 Junior Demonstrator on Rs. 40 „ | | |
| | 1 Accounts Clerk on Rs. 30 „ | | |
| | 2 attendars on Rs. 15 each „ 30 „ | | |
| | 160 | 160 | |
| | | 1,735 p.m. | Rs. 20,820 per year. |
| | Realisations anticipated— | | |
| | Output.—120 lbs. of superior quality of pulp at As. 12 a lb. or at Rs. 90 per day for 25 days in the month ... | 2,250 p.m. or | 27,000 p. a. |
| | Deduct Depreciation at 10 per cent on equipment, *viz.*, 34,400 per year ... | Rs. 3,440 | |
| | Depreciation at 7½ per cent on the cost of buildings, *viz.*, 21,300, 1,597 or 1,600 | „ 1,600 | |
| | Total Rs. | 5,040 | 5,040 |
| | Depreciation is not included in expenditure | | |
| | Profits anticipated | | 6,180 p. a. |

*Note.*—The estimates noted here are those furnished by the Supervisor, Hand-made Paper Centre, Central Industrial Workshop, Bangalore.

## 4. PAPER-MAKING.

(Of Hand-made Paper) Large Scale Unit.

*Expenditure.*

| | | Rs. | Rs. |
|---|---|---|---|
| 1. | Non-recurring— | | |
| | (*a*) Buildings including cost of acquisition of land ... | 21,300 | ... |

| | | Rs. | Rs. |
|---|---|---|---|
| (*b*) Equipment. | | | |
| Machinery like Electric Motor, Boilers, Power Beaters, Glazing Calendar, etc. | ... | 24,600 | ... |
| Power, Light and Water Supply connections | ... | 4,300 | ... |
| Furniture | ... | 500 | ... |
| | Total ... | | 50,700 |
| 2. Recurring— | | | |
| (*a*) Raw materials | ... ... | 11,400 p. a. | |
| (*b*) Wages | ... ... | 7,500 ,, | |
| (*c*) Establishment | ... ... | 1,920 ,, | |
| | Total ... | | 20,820 |
| 3. Anticipated Realisations... | ... | | 27,000 |
| 4. Net Profits estimated ... | ... | | 6,180 |

## NUMBER 4 (a).

### HAND-MADE PAPER CENTRE FOR 12 WORKERS.

(SMALL SCALE.)

1. Equipment.—

| | | Rs |
|---|---|---|
| An open drum | ... | 40 |
| Hand-beater and erection | ... | 600 |
| Vats, 2 | ... | 600 |
| Tables, 3, at Rs. 30 each | ... | 90 |
| Boards 8 at 20 each | ... | 160 |
| Paper lifting moulds and deckles, 4 sets | ... | 200 |
| Napkins, 1000 | ... | 500 |
| Clips | ... | 120 |
| Rope for drying | ... | 90 |
| Heavy Screw Press, one | ... | 1,000 |
| Tube sizing, etc. | ... | 100 |
| Glazing Machine | ... | 2,000 |
| Furniture and Racks, etc., | ... | 200 |
| Miscellaneous articles like Buckets, Balance, etc. | | 800 |
| Total | ... | 6,500 |

2. Expenditure.—

Non-recurring.—

| | | |
|---|---|---|
| 1. Acquisition | ... | 500 |
| 2. Building, 80′×20′ *i.e.* 1,600 sq. ft. | ... | 4,800 |
| 3. Well and Pipe | ... | 500+400 |
| 4. Internal construction | ... | 400 |
| Total | ... | 6,600 |

| | | Rs. |
|---|---|---|
| Recurring.— | | |
| Establishment.— | | |
| 1. Demonstrator | ... | 40 p.m. |
| 1. Foreman | ... | 25 ,, |
| 1. Attender | ... | 15 ,, |
| Total | ... | 80 ,, |
| Wages.— | | |
| 12 Workers on as. 10 per day for 25 days in a month | ... | 187-8-0 p.m. |
| Extra Wages | ... | 12-8-0 ,, |
| Total | ... | 200 ,, |
| Raw-Materials.— | | |
| Pulp (from Pulp Centres) and other raw-materials | ... | 500 ,, |
| Other production and miscellaneous charges | ... | 35 ,, |
| Total | ... | 815 ,, |
| Realisations.— | | |
| 2½ reams of paper per day or 62½ reams at Rs. 13, all in Pads of letter paper and envelopes and other fancy things which can be manufactured easily | ... | 812-8-0 p.m. |
| Profit | ... | 2-8-0 ,, |

## 4(a) PAPER-MAKING (of Hand-Made Paper).

### Small Scale Unit

*Expenditure.*

| | | | |
|---|---|---|---|
| 1. Non-recurring.— | | | |
| (a) Buildings including cost of acquisition of land and construction of a well and a pipe-line | ... | 6,600 | |
| (b) Equipment including Glazing Machine, Screw Press, etc. | ... | 6,500 | |
| | | | 13,100 |
| 2. Recurring.— | | | |
| (a) Wages | ... | 2,400 P.A | |
| (b) Raw-materials | ... | 6,420 ,, | |
| (c) Establishment | ... | 960 ,, | |
| Total | ... | | 9,780 p.a. |
| 3. Realisations anticipated | ... | | 9,750 ,, |
| 4. Net Expenditure | ... | | 30 ,, |

## NUMBER 5.

### POTTERY WITH GLAZING KILN.

NON-RECURRING.

Buildings.—

| | | Rs. |
|---|---|---|
| (*a*) Cost of Aquisition | ... | 600 |
| (*b*) Buildings proper | ... | 14,745 |
| (*c*) Kiln | ... | 7,000 |
| | | 22,345 |

Equipment.—

| | | |
|---|---|---|
| (*a*) Ordinary | | 1,100 |
| (*b*) Equipment of Glazing Kiln | | 400 |
| | | 1,500 |
| (*c*) Furniture | ... | 350=24,200 |

RECURRING.

| | | |
|---|---|---|
| Raw-material | ... | 720 per year |
| Wages | ... | 3,600 ,, |
| Establishment | ... | 1,284 ,, |
| Expenditure | ... | 5,604 ,, |

*N.B.*—The cost of the Kiln provided, *viz.*, Rs. 7,000 is very approximate and not based on any estimate of the Pottery Expert.

### 5. POTTERY WITH GLAZING KILN

EXPENDITURE.

1. Non-recurring.—

| | | Rs. | Rs. |
|---|---|---|---|
| (*a*) Buildings including cost of acquisition of land and the construction of a Glazing Kiln | ... | 22,350 | |
| (*b*) Equipment—Tools | ... | 1,500 | |
| Furniture | ... | 350 | |
| | | 1,850 | |
| Total | ... | | 24.200 |

| | | | Rs. | Rs. |
|---|---|---|---|---|
| 2. | Recurring.— | | | |
| | (*a*) Raw-materials | ... | 720 p.a | |
| | (*b*) Wages | ... | 3,600 ,, | |
| | (*c*) Establishment | ... | 1,284 ,, | |
| | | Total ... | 5,604 | or 5,600 |
| 3. | Anticipated Realisations | | | |
| 4. | Net Expenditure | ... | | 5,600 |

## NUMBER 6.

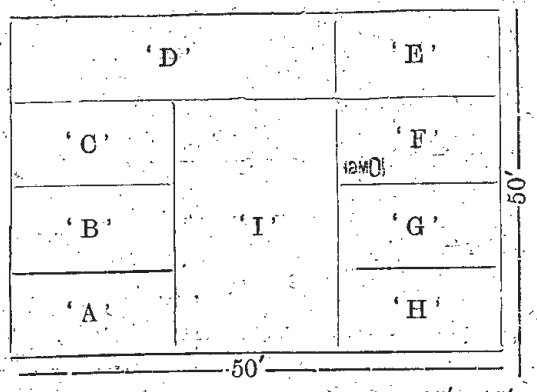
### POTTERY CENTRE.

1. To train between 12 and 24 students with 2 skilled workmen and one Potter working along with students.
2. Period of training for each batch ...6 months.

### EXPENDITURE.

*'A' Non-recurring.*

| | | | | |
|---|---|---|---|---|
| 1. | Buildings.— | | | |
| | Cost of Acquisition, L.S. | ... | 600 | 600 |
| | Cost of construction of gabled sheds, etc. as per sketch | | | |
| | Total plinth area, 1,605 sq. ft. at Rs. 3 per sq. ft. | ... | 4,815 | |
| | Well | ... | 300 | |
| | | | 5,115 | 5,400 |
| | Pump with a pipe-line | ... | 285 | |
| | | | 5,400 | |




| | | |
|---|---|---|
| 'A', Clay Pit (for stacking clay) | | 15'×15'×3'(D) |
| 'B', Clay washing shed | ... | 8'×15' |
| 'C', Potter's Wheel | ... | 12'×15' |
| 'D', Moulding Section | ... | 35'×15' |
| 'E', Kiln (with covered shed) | ... | 15'×15' |

| | | | Rs. |
|---|---|---|---|
| 'F' & 'H', Finished Stock and Sales Room each | ... 15′×10′ | | |
| 'G', Office Room | ... 15′×12′ | | |
| 'I', Well | | | |
| | | | 6,000 |

2. Equipment.—

(*a*) Tools.—

| | | | |
|---|---|---|---|
| 1. Plaster of Paris Moulds (of improved saucers, Tea-kettles, Tumblers with handles, milk-jugs, Toys of 6 varieties) 12 sets of each variety of 12 types of articles P.P. 144×15 lbs. *i.e.*, 2,160 or 3/4 T. | ... Rs. 375 | | |
| Labour | ... ,, 100 | | |
| G. C. | ... ,, 25 | | |
| | | 500 | 500 |
| 2. Turn-tables, 3 at Rs. 30 each | ... | | 90 |
| 3. Potter's wheel, 4′—5′ (D), 1 at Rs. 10 each. | | | 10 |
| 4. J. W. Planks for moulds, 5′×1′, 25 at Rs. 3 each | ... | | 75 |
| 5. J. W. Racks for green and burnt articles, 40′×6′×1½′ in pieces, L.S. | ... | | 225 |
| 6. Wooden Water-tubs (25 Gals.), 6, at Rs. 20 each | ... | | 120 |
| 7. G. I. Buckets, 6, at Rs. 5 each | ... | | 30 |
| 8. Brass or Copper wire Gauze (80 mesh.) 3 per at Rs. 2 each | ... | | 6 |
| 9. Miscellaneous Tools | ... | | 44 |
| | | 1,100 | 1,100 |

(*b*) Furniture.—

| | | | |
|---|---|---|---|
| T. W. Table with 2 Drawers 4′×2½′×2½ 2 at Rs. 50 each | ... | | 100 |
| T. W. Almirah, 6′×3′×1½′, 1 at Rs. 100 | ... | | 100 |
| ,, Chairs, 2 at Rs. 16 | ... | | 32 |
| ,, Stools, 1½′×1½′×1½′, 2 at Rs. 5 | ... | | 10 |
| ,, Box, 2½′×1½′×1½′, 1 at Rs. 40 | ... | | 40 |
| ,, Time Pieces, Locks, etc. | ... | | 58 |
| | | 340 | 340 |
| Total | ... | | 7,440 |

Abstract of Non-recurring Expenditure.—

| | Rs. | Rs. |
|---|---|---|
| (*a*) Buildings | ... | 6,000 |
| (*b*) Equipment.— | | |
| 1. Tools | ... 1,100 | |
| 2. Furniture | ... 340 | |
| | | 1,440 |
| Tota | ... | 7,440 |

'B' RECURRING.

1. Raw-materials.—

| | | Rs. | Rs |
|---|---|---|---|
| Clay :—1 Ton or 2 Cartloads per month at Rs. 4 a Ton | ... | 4 | |
| Sodium Silicate, 6 at as. 3 a Ton | ... | 1-2-0 | |
| Fuel (for 2 burnings per month) at Rs. 10 per burning | ... | 20 | |
| Miscellaneous materials | ... | 4-14-0 | |
| | | 30 | 360 P.A. |

2. Wages and Scholarships.—

| | | | |
|---|---|---|---|
| 2 Workmen at as. 10 a day for 26 days | .. | 32½ | |
| 1 Potter at Re. 1 do | ... | 26 | |
| 12 Scholarships at as. 8 do | ... | 156 | |
| | | 214½ | |
| | | or 215 | 2,600 ,, |

3. Establishment.—

| | | | |
|---|---|---|---|
| 1 Supervisor on Rs. 60 P.M. | | | |
| 1 Clerk ,, 30 ,, | | | |
| 1 Peon ,, 12 ,, | | | |
| Contingencies ,, 5 ,, | | | |
| | | 107 | |
| | | | 1,284 ,, |
| | Total | ... | 4,244 ,, |

Abstract of Recurring Expenditure.—

| | | |
|---|---|---|
| 1. Raw-materials | ... | 360 |
| 2. Wages and Scholarships | ... | 2,600 |
| 3. Establishment | ... | 1,284 |
| Total | ... | 4,244 P.A. |

Realisations anticipated.—

From Workmen.—

| | | | |
|---|---|---|---|
| From 2 burnings at Rs. 60 per load of the kiln | ... | 120 P.M. | |
| From Trainees work | ... | 40 ,, | |
| | | 160 ,, | or 1,920 P.A |
| Net recurring expenditure | | | 2,324 ,, |

*N.B.*—From Data collected on the spot in consultation with the Pottery Expert.

## 6. POTTERY CENTRE WITHOUT GLAZING KILN.

EXPENDITURE.

| | | Rs. | Rs. |
|---|---|---|---|
| 1. | Non-recurring.— | | |
| | (*a*) Buildings including cost of acquisition of land, of pump and pipe line. | 6,000 | |
| | (*b*) Equipment :—Tools Rs. 1,100 | | |
| | Furniture ,, 340 | | |
| | | 1,440 | |
| | | | 7,440 |
| 2. | Recurring.— | | |
| | (*a*) Raw-materials ... | 360 P.A. | |
| | (*b*) Wages ... | 2,600 ,, | |
| | (*c*) Establishment ... | 1,284 ,, | |
| | Total ... | | 4,244 P.A |
| 3. | Realisations anticipated ... | | 1,920 ,, |
| 4. | Net Expenditure ... | | 2,324 ,, |

## NUMBER 7.

### RURAL SMITHY CENTRE (ON THE LINES OF THE CLOSEPET CENTRE) TO TRAIN 15 WORKERS.

METHOD OF WORK FOLLOWED.

Forging and smithying proper are done by one set of workers and the forged articles are finished or assembled by a separate set of workmen.

Each set for a Forge consists of 4 workmen, *viz.*, 1 Smith, 2 Hammermen and 1 Bellow-boy, and 3 Forges or 3 such sets of workers constitute a Unit employing 12 workers. The forged work of these sets are finished or assembled by an additional number of 6 Fitters.

Hammermen and Fitters are proposed to exchange their functions once in 6 months to provide an all-round training in these processes, for all the trainees.

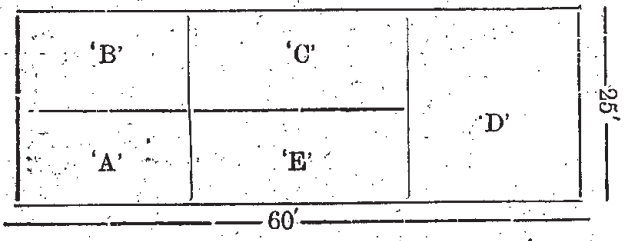
2. *Kinds of articles manufactured are.*—Mysore and Kolar Ploughs and parts thereof (About 11 forged pieces, 1 Cast-piece and 1 Wooden beam) and articles of domestic utility such as Ovens, Thavas, Bondles, Spoons, Sickles, Axes, Bullock and Horse-shoes.

3. *Manufacture and marketability.*—The above types of articles are manufactured for stock and when stock accumulates, the Central Industrial Workshops will arrange for distribution of Agricultural Implements among the Implement Depots in the State, after receipt of requisition from the Director of Agriculture, as in the case of the Closepet Smithy Centre. Articles of domestic utility are expected to find local sales in the concerned Centres.

## Estimate of Expenditure

### *'A' Non-Recurring,*

| | | | Rs. | Rs. |
|---|---|---|---|---|
| 1. | Buildings.— | | | |
| | (*a*) Cost of acquisition ... ... | | 200 | |
| | (*b*) Construction of sheds as per sketch: Plinth area: 1,200 Sq. Ft. at Rs. 4 per Sq. Ft. ... | | 5,000 | |




| | | | | |
|---|---|---|---|---|
| 'A' Office, | 15′ × 10′ | | | |
| 'B' Fitters' Shed | 15′ × 15′ | | | |
| 'C' Smithy Shed | 30′ × 15′ | | | |
| 'D' Stores | 25′ × 15′ | | | |
| | Total ... | | 5,200 | 5,200 |
| Equipment— | | | | |
| (*a*) Tools— | | | | |
| As per list on Page No. 3 | ... | 1,400 | | |
| (*b*) Furniture— | | | | |
| Table, 4′ × 2½′, 1, at Rs. 40 | ... | 40 | | |
| Chairs, 2, at Rs. 16 | ... | 32 | | |
| J. W. Almirah, 6′ × 3′ × 15″ | ... | 75 | | |
| Iron rack for irons of sections | ... | 100 | | |
| Miscellaneous, Locks (4), Lantern (1) | | 28 | | |
| | Total ... | 1,675 | 1,675 | 1,675 |
| | | | | 6,875 |
| | | | | or 6,900 |

### *'B' Recurring*

| | | | | |
|---|---|---|---|---|
| 1. | Raw-materials— | | | |
| | Iron and Coal | | | 2,000 p.a. |
| 2. | Wages— | | | |
| | 3 Blacksmiths at As. 12 a day for 25 days in a month | ... | 55½ | |
| | 6 Hammer-men at As. 8 a day for 25 days | ... | 75 | |
| | Bellow boys. at As. 4 | ... | 18¾ | |
| | 6 Fitters at As. 8 | ... | 75 | |
| | | Total ... | 224 | 2,688 ,, |

| | | Rs. | Rs. |
|---|---|---|---|
| 3. | Establishment (a)— | | |
| | 1 Mechanic on Rs. 50 p. m. | | |
| | 1 Watchman 15 ,, | | |
| | Contingencies 5 ,, | | |
| | Total 70 ,, | 840 | 840 p.a |
| | D. A. to workmen and Staff (b) Rs. 1,752= (16×8×12)+(18×12) | | 1,752 ,, |
| | Included in expenditure | | 5,528 |
| | Depreciation at 10 per cent on the value of finished goods | 700 | |
| | Not included in expenditure. | | |
| | Total | | 5,528 |
| | Realisations anticipated— | | |
| | For 12 months at Rs. 800 p. m. | | 9,600 |
| | Net profit | | 4,072 |

*List of Tools required for the use of the Smithy Centre.*

| | Rs. | Rs |
|---|---|---|
| Bellows, 3, at Rs. 40 ... ... | 120 | |
| Anvils 1 Cwt., 3, at Rs. 120 ... ... | 360 | |
| Bench Vices, 3, at Rs. 30 ... ... | 90 | |
| Leg Vices 6″ jaw, 2 at Rs. 80 ... ... | 160 | |
| Sledge-Hammers, 12–16, 6 at Rs. 10 ... | 60 | |
| Ball-pane Hammers, 1½ Lb., 2 Lbs., 4 ... | 15 | |
| Work-bench, 1, at Rs. 60 ... ... | 60 | |
| Punches of sizes, 6, at Rs. 2 ... ... | 12 | |
| Flatters of sizes, 6 s. at Rs. 10 ... ... | 60 | |
| Weight-beam with scale pans and a set of weights, 1 ... ... | 50 | |
| Tongs, 6, at Rs. 2 ... ... | 12 | |
| Pokers and Rakers, 3 sets at 2 ... ... | 6 | |
| Cutting Chisels, 6, at Rs. 2 ... ... | 12 | |
| Grinding stone on stand, 18″, 1 at Rs. 100 ... | 100 | |
| G. I. Bucket, 2 at Rs. 5 ... ... | 10 | |
| Files of varieties and sizes, 12 ... ... | 50 | |
| Stocks and Dies, ½″, ⅜″, 2 sets with taps .. | 80 | |
| Steel Try-square 12″, 2 at Rs. 5 ... ... | 10 | |
| Smith's Ratchet, 1 at Rs. 40 ... ... | 40 | |
| Augurs, 3/8″, ½″, 2 at Rs. 5 ... ... | 10 | |
| Hand Saw, 1, .. ... | 5 | |
| Hack-saw-frame, 1 at Rs. 10 .... ... | 10 | |
| Spanners, 2, at Rs. 2–8–0, ... ... | 5 | |
| Dies for plough parts, 6, at Rs. 5 ... ... | 30 | |
| Dies for bolts and nuts, 4 ... ... | 10 | |
| Miscellaneous tools ... ... | 23 | |
| Total ... | 1,400 | 1,400 |

*List of Raw-materials required.*

| | | Rs. | Rs. |
|---|---|---|---|
| M. S. Sheets of sizes | ... ... | 800 | |
| M. S. Flats of sizes | ... ... | 200 | |
| M. S. Rounds of sizes | ... ... | 100 | |
| Scrap-Iron | ... ... | 500 | |
| Old rails | ... ... | 100 | |
| Coal | ... ... | 300 | |
| | Total ... | 2,000 | 2,000 |

*N. B.*—From data collected on the work-spot.

## 7. RURAL SMITHY.

| | | | Rs. | Rs. |
|---|---|---|---|---|
| 1. | *Non-recurring*— | | | |
| | (*a*) Buildings including cost of acquisition of land | | 5,200 | |
| | (*b*) Equipment: Tools | 1,400 | | |
| | Furniture | 300 | 1,700 | |
| | Total | | | 6,900 |
| 2. | *Recurring*— | | | |
| | (*a*) Raw-materials ... | | 2,000 | |
| | (*b*) Wages ... | | 2,688 | |
| | (*c*) Establishment ... | | 840 | |
| | Total ... | | 5,528 or | 5,528 p.a. |
| 3. | Realisations anticipated ... ... | | | 9,600 ,, |
| 4. | Net Profit ... ... | | | 4,072 |

## NUMBER 8.

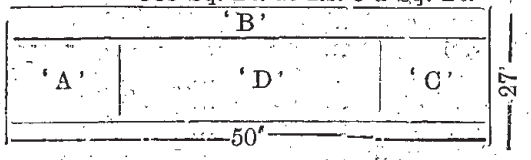
### LEATHER-STITCHING SECTION FOR A CLASS OF 16 WORKERS—14 STUDENTS AND 2 WORKMEN.

PERIOD OF TRAINING—2 YEARS.

**Expenditure.**

*'A' Non-recurring*

| | | | |
|---|---|---|---|
| 1. | Buildings.— | | |
| | (*a*) Cost of acquisition ... | 200 | |
| | (*b*) Construction as per sketch : Plinth area, 960 Sq. Ft. at Rs. 5 a Sq. Ft. | 5,000 | |




'A', Stores 15'×12'
'B', Leather Stitching Section, 50'×12',
'C', Office, 15'×12',
'D', Open Space 26'×15'
'A', 'B', and 'C' with concrete flooring 5,200

2. Equipment.—

(*a*) Tools

| | | | |
|---|---|---|---|
| 1. | Stitching awls, for sole, welt, upper and leather Stitching, 4×16, *i. e.*, 64 awls at As. 4 each. | 16 | |
| 2. | Rampies, 16, at As. 8 ... | 8 | |
| 3. | Country compression Hammers, 16, at Rs. 1-8-0 | 24 | |
| 4. | Working Block-stones, 16, at Rs. 2-8-0 ... | 40 | |
| 5. | Shoe-makers' Pincers, 4, at Rs. 4 ... | 16 | |
| 6. | Nipple Punch, 1, at Rs. 6 ... | 6 | |
| 7. | Eyelet-Expander, 1, at As 8 ... | ½ | |
| 8. | Shoe-maker's Grinding Stone, 1, at Rs. 3 ... | 3 | |
| 9. | Scissors, 2, at Rs. 3 ... | 6 | |
| 10. | Measuring Tape, 2', 3, at Rs. 1-8-0 ... | 4½ | |
| 11. | Instrument Box, 1, at Rs. 1-8-0 ... | 1½ | |
| 12. | Enamel Pots, 4, at Rs. 2 ... | 8 | |
| 13. | C. I. 3 Legged Iron lasts, 1, at Rs. 20 ... | 20 | |
| 14. | Shoe-lasts Nos. 1 to 3, 3 each or 12, do 4 to 10 (Gents) 3 each or 21 do 1 to 1 (Ladies) 3 each, or 12, Total, 45, at Rs. 3-8-0 ... | 157½ | |
| 15. | Cutting nippers, 2, at Rs. 4 ... | 8 | |
| 16. | Files, Triangular, 6," 3 at Re. 1 ... | 3 | |
| 17. | Half-round wood Rasps, 12", 2, at Rs. 3 ... | 6 | |
| 18. | Singer Sewing Machine, 17–1, one, ... | 700 | |
| | Total ... ... | 1,047 or 1,050 | |

(*b*) Furniture.—

| | | |
|---|---|---|
| J. W. Rack for Lasts, 6′ × 6′ × 1½′, 1, at Rs. 25. | 25 | |
| T. W. Table with 2 Drawers, 4′×2½′, 2 at Rs. 50 | 100 | |
| T. W. Chairs, 2 at Rs. 16 ... | 32 | |
| J. W. Almirah for Tools, 1, at Rs. 30 ... | 30 | |
| J. W. Almirah for finished articles, 1, at Rs. 60 | 60 | |
| | 247 or 250 | |
| Total. ... ... | | 6,500 |

*'B' Recurring*

1. Raw-materials.—

| | | |
|---|---|---|
| Upper-leather, 14×8×2 per mensum plus (25×2×2) or 324 Sq. Ft. at Rs. 1-4-0 | 405 | p. m. |
| Sole leather, 324 Lbs. at Rs. 1-4-0 ... | 405 | ,, |
| Sheep skin, 25 lbs. at Rs. 3 ... | 75 | ,, |
| Miscellaneous materials like shoe-lace, Eyelets, polish, nails, etc. ... | 115 | ,, |
| | 1,000 | ,, |

2. Wages and Scholarships.—

| | | | |
|---|---|---|---|
| 2 Workmen at Rs. 50 per mensem ... | 100 | | |
| 14 Students at As. 8 a day for 25 days in a month ... | 175 | | |
| | 275 | 275 | p. m. |

| | | Rs. | Rs. |
|---|---|---|---|
| 3. Establishment.— | | | |
| 1. Supervisor on Rs. 50 per mensem | | | |
| 1. Clerk on Rs. 30 per mensem | | | |
| 1. Peon on Rs. 12 per mensem | | | |
| Contingencies Rs. 5 per mensem | | | 97 per mensem |
| Abstract of Recurring Expenditure.— | | | |
| 1. Raw-materials | ... | 1,000 per mensem | |
| 2. Wages and Scholarships | ... | 275 ,, | |
| 3. Establishment | ... | 97 ,, | |
| Total | ... | 1,372 or 16,464 p. m. | |
| | | or 16,500 ,, | |
| Anticipated realisations.— | | | |
| From Workmen, 2×20 or 40 pairs of shoes at Rs. 9 | ... | 360 per mensem | |
| From Trainees, 14×8 or 112 pairs of shoes at Rs. 7 a pair | ... | 784 per mensem | |
| | | 1,144 per mensem | |
| | | or 13,728 per mensem | |
| | | or 13,800 ,, | |
| Net expenditure | ... | 2,700 ,, | |

Estimates based on information collected on the spot.

## 8. LEATHER STITCHING.

### EXPENDITURE.

| | | | | |
|---|---|---|---|---|
| 1. Non-recurring.— | | | | |
| (a) Buildings including cost of Acquisition of land | | | Rs. | 5,200 |
| (b) Equipment : Tools | ... | Rs. 1,050 | | |
| Furniture | ... | Rs. 250 | | 1,300 |
| Total | ... | ... | | Rs. 6,500 |
| 2. Recurring.— | | | | |
| (a) Raw-materials | ... | 12,000 | | |
| (b) Wages | ... | 3,300 | | |
| (c) Establishment | ... | 1,200 | | |
| | | | | 16,500 per annum |
| 3. Realisations anticipated | | ... | | 13,800 ,, |
| 4. Net expenditure | | ... | | 2,700 ,, |

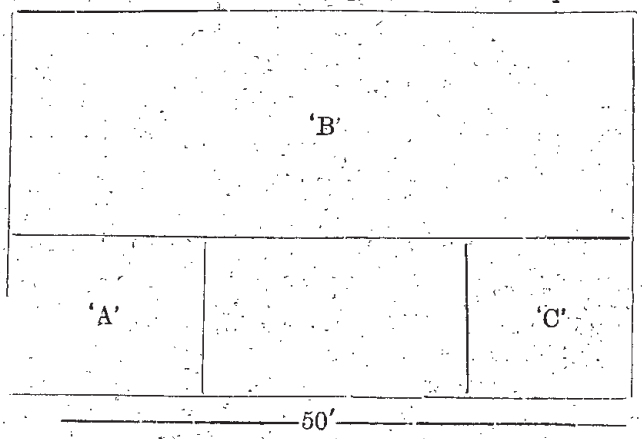
## NUMBER 9.

## BUTTON-MAKING SECTION FOR A CLASS OF 14 STUDENTS—12 STUDENTS AND 2 WORKMEN.

### EXPENDITURE.

*'A' Non-recurring.*

| | | Rs. | Rs. |
|---|---|---|---|
| 1. | Buildings.— | | |
| | (*a*) Cost of acquisition ... ... | 200 | |
| | (*b*) Construction as per sketch— | | |
| | Plinth area, 1,200 Sq. Ft. at Rs. 4 à Sq. Ft. | 5,000 | |




'A' Stores, 12′×12′,
'B', Button Section, 50′×12′
'C', Office, 12′×12′

| | | | |
|---|---|---|---|
| | | 5,200 | 5,200 |
| 2. | Equipment.— | | |
| | (*a*) Tools.— | Rs. | Rs. |
| | 1. Button Hand-Lathes, 6, at Rs. 10 ... | 60 | |
| | 2. Treadle Lathes, 3, at Rs. 125 ... | 375 | |
| | 3. Button Drill, 1, at Rs. 60 ... | 60 | |
| | 4. Button Vices, for Drill, 12, at Rs. 2-8-0 ... | 30 | |
| | 5. Turning Gauges, 6, at Rs. 3 ... | 18 | |
| | 6. Turning Chisels (Country) 12 at Re. 1 ... | 12 | |
| | 7. Adzes, 6, at Re. 1 ... | 6 | |
| | 8. Hand-saw, $2\frac{1}{2}'$,×$1\frac{1}{2}'$, 1′, 3 at Rs. 5 ... | 15 | |
| | 8. Tenon-saw, 12″, 2 at Rs. 5 ... | 10 | |
| | 10. Charakas for Polishing, 3, at Rs. 15 ... | 45 | |
| | 11. Leg Vice, 6″, 1, at Rs. 80. ... | 80 | |
| | 12. Files, half-round, triangular and flat, 24 at Rs. 2-8-0. | 60 | |
| | 13. Bench Vice, 1, at Rs. 30 ... | 30 | |
| | 14. Firmer, chisels, 2″, $1\frac{1}{2}$″ 1″, $\frac{3}{4}$″, $\frac{1}{2}$″, (5) at Rs. 3 | 15 | |
| | 15. Ball Pane Hammer, 2, at Re. 1 (1 lb.) ... | 2 | |

| | | Rs. | Rs. |
|---|---|---|---|
| 16. | Wire Bending Pliers, 6", 1, at Rs. 3 | ... 3 | |
| 17. | Hand Drill, 1, at Rs. 20 | ... 20 | |
| 18. | Oil Stone, 1 at Rs. 6 | ... 6 | |
| 19. | Miscellaneous Tools | ... 53 | |
| | | | 900 |

(*b*) Furniture—

| | | | |
|---|---|---|---|
| 2 Tables | Rs. 60 | | |
| 2 Chairs | ,, 32 | | |
| Tools Almirah | ,, 50 (1) | | |
| F. S. Almirah | ,, 50 (1) | | |
| Time Piece | ,, 18 (1) | 200 | 200 |
| | | | 1,100 |
| | B. F. | | 6,300 |

*'B' Recurring.*

| | | | |
|---|---|---|---|
| 1. | Raw-materials.— | Rs. | |
| | Horns at 45 per day for 25 working days or 1,200 Horns per mensem at Rs. 7 per 100. | 84 | per mensem. |
| | Metel Polish, 6 tins at As. 8 ... | 3 | do |
| | Sand Paper, 100 at Re. 0-1-3 ... | 8 | do |
| | Other materials like cards, 300, reel, etc., 2... | 15 | do |
| | | 110 | do |
| 2. | Wages and Scholarships.— | | |
| | 12 Students at As. 5 a day for 25 days ... | 95 | per mensem. |
| | 2 Workmen at As. 12 do ... | 37½ | do |
| | | 132½ | do |
| | | or 133 | do |
| 3. | Establishment.— | | |
| | 1 Supervisor on Rs. 50 per mensem | | |
| | 1 Clerk ,, 30 do | | |
| | 1 Peon ,, 12 do | | |
| | Contingencies ,, 5 do | | |
| | | 97 | per mensem. |

Abstract of recurring Charges—

| | | | | |
|---|---|---|---|---|
| 1. | Raw-materials | Rs. 110 | | |
| 2. | Wages and Scholarships | ,, 133 | | |
| 3. | Establishment | ,, 97 | | |
| | Total | ,, 340 | or | 4,080 per annum. |

Realisations anticipated.—

| | Rs. | Rs. |
|---|---|---|
| From students— | | |
| Buttons at 2 Gr. per day for 25 days in a month or 50 Gr. at Rs. 4 a Gr. | 200 | per mensem. |
| From workmen— | | |
| Buttons at 1 Gr. per day for 25 days in a month or 25 Gr. at Rs. 5 a Gr. | 125 | do |
| | 325 | or 3,900 per annum. |
| Net expenditure ... | | 180 per annum. |

(*Vide* remarks under Estimates for Leather stitching Section.)

## 2. BUTTON MAKING.

*Expenditure.*

| | | Rs. | Rs. |
|---|---|---|---|
| 1. | Non-recurring— | | |
| | (*a*) Buildings, including cost of acquisition of land. | 5,200 | |
| | (*b*) Equipment—Tools Rs. 900 | | |
| | Furniture „ 200 | | |
| | | 1,100 | |
| | Total ... | | 6,300 |
| 2. | Recurring— | | |
| | (*a*) Raw-materials ... | 1,320 | |
| | (*b*) Wages ... | 1,596 | |
| | (*c*) Establishment ... | 1,164 | |
| | Total ... | | 4,080 per annum. |
| 3. | Realisations anticipated | | 3,900 per annum. |
| 4. | Net expenditure | | 180 per annum. |

## NUMBER 10.

## LACQUER WORK SECTION FOR 12 STUDENTS AND 2 WORKMEN.

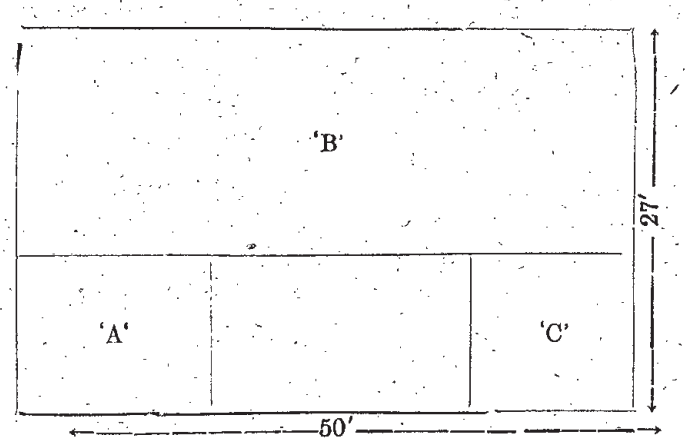
EXPENDITURE.

*'A' Non-recurring.*

| | | Rs. | Rs. |
|---|---|---|---|
| 1. | Buildings.— | | |
| | (*a*) Cost of acquisition ... | 200 | |

(*b*) Construction as per sketch—

Plinth area, 1,350 Sq. Ft. at Rs. 3 a Sq. Ft. 4,000




| | Rs. | Rs. |
|---|---|---|
| 'A' Stores, 15'×12'<br>'B' L. W. Section 50'×12'.<br>'C' Office, 15'×12' | | |
| | 4,200 | 4,200 |

2. Equipment.—

(*a*) Tools—

| | | |
|---|---|---|
| Hand Lathes with sitting planks, 14, at Rs. 8 | | 112 |
| Firmer Chisels, 2"×1½", 1', ¾", ½", 15, at Rs. 3 | | 45 |
| Turning Gauges, 6 at Rs. 3 | ... | 18 |
| Turning Chisels locally-made, 100, at As. 4 | | 25 |
| Adzes, 6, at Rs. 1 | ... | 6 |
| Callipers, inside and outside, 12 at Rs. 1 | ... | 12 |
| Dividers, 12 at Re. 1 | ... | 12 |
| Splitting Country Chisels, 18, at As. 4 | ... | 4½ |
| Hand-saw, 18"(3), Dovetail Saw (1), 4 at Rs. 3-8-0. | | 14 |
| Ball Pane Hammers, 1½ lbs. (3), 1 lb. (3), 6, | | 7½ |
| Pestle and Mortar, 1, | ... | 5 |
| Stones for grinding colours, 2 | ... | 2 |
| Files, Round (12"), Flat (12"), Triangular (6") (2) (3) (12)<br>Wood Rasp (H. R.) (12") (3) | | 20, 40 |
| Btil-kolu, 28 at As. 4 | ... | 7 |
| Enamel (Cups 4, Rs. 6 and Enamel Basin, 1 Rs. 3). | | 9 |
| Charcoal stove, 1, at Rs. 2 | ... | 2 |
| Hand Drill, 1, at Rs. 12 | ... | 12 |
| Miscellaneous Tools | ... | 17 |
| | 350 | 350 |

| | | | Rs. | Rs. |
|---|---|---|---|---|
| (*b*) Furniture.— | | | | |
| 2 Tables | Rs. 80 | | | |
| 2 Chairs | ,, 32 | | | |
| 1 Tools Almirah | ,, 30 | | | |
| 1 Finished stock Almirah | ,, 80 | | 222 | |
| | | or | 220 | 220 |
| | Total | ... | 570 | 570 |

*'B' Recurring.*

| | | Rs. | Rs. |
|---|---|---|---|
| 1. Raw-Materials.— | | | |
| Halewood, 5/6 Ton per mensem at Rs. 60 a ton. | | 50 | per mensem. |
| Lac, 140 lbs at Rs. 1-12-0 a lb. | ... | 235 | do |
| Sand paper, 30, at Rs. 1-4-0 a doz. | ... | 37½ | do |
| Cotton-rope, 20 lbs. at Re. 1 | ... | 20 | do |
| Wax, etc. | ... | 17½ | do |
| | | 360 | do |
| 2. Wages and Scholarships.— | | | |
| 12 Students at As. 8 a day for 25 days | | 150 | per mensem. |
| 2 Workmen at Rs. 2 a day for 25 days | | 100 | do |
| | | 250 | do |
| 3. Establishment.— | | | |
| 1 Supervisor on Rs. 50 | | | |
| 1 Clerk ,, 30 | | | |
| 1 Peon ,, 12 | | | |
| Contingencies ,, 5 | | | |
| 97 or | | 100 | or 710 per mensem. |
| | | | or 8,520 per year. |
| Anticipated realisations.— | | | |
| From workmen (2) | | | |
| Output—L. W. articles at Rs. 3 per day for 25 days. | | 150 | per mensem. |
| From students (12) | | | |
| Do at Rs. 1-8-0 | do | 450 | do |
| | | 600 p. m. | 7,200 per annum. |
| Net expenditure per year | | | 1,320 per annum. |

(*Vide* remarks under estimates for the Leather Stitching Section).

## NUMBER 11.

### I. MANUFACTURE OF COIR-FIBRE FROM HUSKS.

ESTIMATE OF EXPENDITURE.

*Non-recurring.*

| | | Rs. |
|---|---|---|
| 1. | Buildings ... ... | 2,000 |
| 2. | Digging of Pits and Channels ... ... | 1,000 |
| *3. | Equipment ... ... | 500 |
| | Total ... | 3,500 |

(*Details not available—Presumably Beating Sticks, Willowing Wheels, etc.)

*Recurring.*

| | | |
|---|---|---|
| A. | Raw-materials, etc.— | |
| | Green Husks 7 lakhs at Rs. 6 per 1,000 ... | 4,200 |
| | Soaking charges at Rs. 2 per 1,000 ... ... | 1,400 |
| | Other manufacturing charges at Rs. 11 per 1,000 ... | 7,700 |
| | Total ... | 13,300 |
| B. | Establishment charges.— | |
| | 1 Coir-Expert on Rs. 250 per mensem for 6 months, Rs. 250×6 ... ... | 1,500 |
| | 4 Huskers at Rs. 60 per mensem, 60×4×6 ... | 1,440 |
| | 2 Supervisors on Rs. 75 per mensem, 75×2×6 .. | 900 |
| | 1 Clerk on Rs. 40 per mensem, 40×6 ... | 240 |
| | T. A. and other charges ... ... | 500 |
| | Total ... | 4,580 |
| | Grand Total ... | 17,880 |
| Realisations.— | | |
| | 200 candies of coir at Rs. 90 per candy ... | 18,000 |
| | Less expenses ... | 17,880 |
| | Profit for 6 months ... ... | 120 |

### II. MANUFACTURE OF YARN FROM COIR-FIBRE.

Equipment.—

Charkas, Bobbins, etc. ... ...

Wages ... ...

(Data not available).

### III. MANUFACTURE OF MATTINGS, Etc., FROM COIR-YARN.

Equipment.—

Coir-looms (36") ... ...

Wages.—

(Data not available)

*N.B.*—The estimate is based on the figures given by the Coir Expert, Mr. Verghese.

## 11. MANUFACTURE OF COIR-FIBRE FROM HUSKS.

EXPENDITURE.

| | | Rs. | Rs. |
|---|---|---|---|
| 1. | *Non-recurring.*— | | |
| | (*a*) Buildings including the cost of acquisition of land ... | 2,000 | |
| | (*b*) Digging of pits and channels ... | 1,000 | |
| | (*c*) Tools ... | 500 | |
| | | | 3,500 |
| 2. | *Recurring.*— | | |
| | (*a*) Raw materials ... | 4,200 | |
| | (*b*) Manufacturing charges ... | 9,100 | |
| | (*c*) Establishment ... | 4,580 | |
| | | | 17,880 |
| 3. | Realisations anticipated ... | | 18,000 |
| 4. | Profit for 6 months ... | | 120 |

## NUMBER 12.

## VILLAGE TANNERY.

EXPENDITURE.

*'A' Non-recurring.*

| | | | |
|---|---|---|---|
| (*a*) | Buildings.— | | |
| | 1. Site for location of the Factory (About ½ an acre, cost of acquisition) ... ... | | 1,000 |
| | 2. Buildings with brick walls and Mangalore tiled roofing, 40′×30′ (as per type-design). (Letter No. 588, dated the 9th February 1943 of the Superintendent of Industries, Bangalore) ... | | 14,000 |
| | Total ... | | 15,000 |
| (*b*) | Equipment.— | | |
| | 1. *Tools.*— | | |
| | J. W. table, 6′×4′×3′, 1 at Rs. 35 ... | | 35 |
| | ,, Stretching boards, 6′×4′, 4 at Rs. 15 ... | | 60 |
| | ,, Water tubes, 2 at Rs. 20 ... | | 40 |
| | ,, Racks, 6′×6′×1½′, 1 at Rs. 50 ... | | 50 |
| | Claw-hammers, 1½ lbs. 2 at Rs. 3 ... | | 6 |
| | Ball pane hammers, 1½ lbs. 3 at Rs. 3 ... | | 9 |
| | Cutting plier, 1 at Rs. 4 ... | | 4 |
| | Wooden fleshing horses, 12 at Rs. 20 ... | | 240 |
| | Fleshing knives, 24 at Rs. 4 ... | | 96 |
| | Scudding knives, 24 at Rs 3 ... | | 72 |
| | Weigh-beam with pans and a set of weights, 1 at Rs. 200 ... | | 200 |

| | Rs. |
|---|---|
| Scale-pan for small weights, 1 at Rs 15 | ... 15 |
| Leather aprons, 6 | ... 120 |
| Barkameter, 1 | ... 30 |
| Miscellaneous tools | ... 117 |
| Total | ... 1,094 |

2. *Furniture.*—

| | |
|---|---|
| T. W. table with 2 drawers, 4′×2½′, 2 at Rs. 60 | ... 120 |
| ,, B. P. chairs, 2 at Rs. 16 | ... 32 |
| ,, Bench, 6′×12″×18″, 1 at Rs. 16 | ... 16 |
| ,, Cash box 1 at Rs. 20 | ... 20 |
| ,, Almirah 6′×3′×1½′, 1 | ... 100 |
| ,, Record box, 3′×1½′×1½′, 1 | ... 40 |
| Total | ... 328 |
| or | ... 330 |

Chroming Drum 1, Paddle 1 } 1, s. ... 1,000

*'B' Recurring.*

| | Rs. | |
|---|---|---|
| (*a*) Raw-materials.— | | |
| 1 Raw-hides, (Cow, Buffalo) at Rs. 600 per mensem ... | 7,200 | per annum |
| 2 Other raw-materials like tanning bark, lime, oils and chemicals, 3½ Barams at Rs. 40, 2 P at Rs. 3, at Rs. 170 per mensem | 2,040 | ,, |
| 3 Chrome and other chemicals at Rs. 100 per mensem ... | 1,200 | ,, |
| Total ... | 10,440 | ,, |
| (*b*) Wages in lieu of scholarships.— | | |
| 6 Students at As. 8 a day for 26 days in a month ... | 936 | ,, |
| (*c*) Establishment— | | |
| 1 Foreman on Rs. 50+10 D. A. .... | 720 | ,, |
| 1 Tanning Maistry on Rs. 40+10 D.A. .. | 600 | ,, |
| 1 Clerk on Rs. 30+10 D.A. ... | 480 | ,, |
| 1 Watchman on Rs. 12+8 D.A. ... | 240 | ,, |
| Contingencies at Rs. 10 per mensem ... | 120 | ,, |
| Total ... | 2,160 | ,, |

| | | Rs. |
|---|---|---|
| Abstract of recurring expenditure.— | | |
| Raw-materials | ... | 10,440 per annum |
| Wages | ... | 936 ,, |
| Establishment | ... | 2,160 ,, |
| Total | ... | 13,536 ,, |
| | ... | 13,600 ,, |
| Anticipated realisations.— | | |
| *Output* : *Bark tanned skins.*— | | |
| 30×12×Re. 1-0-0 | ... | 360 per mensem |
| 10×12×Rs. 1-4-0 | ... | 150 ,, |
| Total | ... | 510 ,, |
| or | ... | 6,120 per annum |
| Net expenditure | ... | 7,480 ,, |
| or | ... | 7,500 ,, |

*N.B.*—The estimates are approximate based on general information and not on data collected on the work spot.

## 12. VILLAGE TANNERY.

### EXPENDITURE.

| | | | Rs. | |
|---|---|---|---|---|
| 1. | Non-recurring.— | | | |
| | (*a*) Buildings including cost of acquisition of land | ... | 15,000 | |
| | (*b*) Equipment—Tools Rs. 1,500 | | | |
| | Machinery... ,, 1,000 | | | |
| | Furniture ... ,, 350 | | | |
| | | | 2,850 | |
| | Total | ... | | 17,850 |
| 2. | Recurring.— | | | |
| | (*a*) Raw-materials | ... | 10,440 | |
| | (*b*) Wages | ... | 1,000 | |
| | (*c*) Establishment | ... | 2,160 | |
| | From | ... | | per an. 13,600 |
| 3. | Anticipated realisations | ... | | 6,100 |
| 4. | Net expenditure | ... | | 7,500 |

## NUMBER 13.

### TILE FACTORY AT BAGEPALLI.

ESTIMATES OF EXPENDITURE.

*'A' Non-recurring.*

| | | | Rs. |
|---|---|---|---|
| 1. | Buildings.— | | |
| | Factory proper (Plinth area about 2,400 Sq. Ft.) | ... | 8,550 |
| | Kiln | ... | 1,700 |
| | Chimney | ... | 1,450 |
| | Well | ... | 700 |
| | (Government addressed for sanction of estimates forwarded by the Executive Engineer, Kolar, and amount to Rs. 12,400 Government sanctions since received.) | | 12,400 |
| 2. | Machinery.— | | |
| | 1 Vertical Pug-mill (Bullock-driven) of capacity 2,000 to 3,000 tile slabs per day of 9 working hours. | | 1,500 |
| | 1 Hand Screw Tile Press (Heavy type) with one pair, *viz.*, top and bottom roofing tile-dies, capacity 2,000 to 2,500 tiles per day. | | 2,500 |
| | 2 Pairs of one top and one bottom Ridge-tile dies... | | 1,000 |
| | Sales tax Rs. 50 and packing on the above Rs. 35... | | 85 |
| | Bed for Pug-mill and hand-press, charges of fixing the same, etc. | | 315 |
| | Total | ... | 5,400 |
| 3. | Tile-Frames.—10,000 | ... | 8,000 |
| | Drying racks for the above | ... | 3,000 |
| | Total | ... | 11,000 |

Abstract.—

| | | Rs. |
|---|---|---|
| Buildings | ... | 12,400 |
| Machinery | ... | 5,400 |
| Tile-frames, Drying racks | | 11,000 |
| Total | ... | 28,800 |

*'B' Recurring.*

| | | |
|---|---|---|
| 1 Tile Maistry on Rs. 75+10 per mensem.... | 1,020 | per annum |
| 1 Clerk on Rs. 25+8 per mensem ... | 396 | ,, |
| 1 Watchman on Rs. 12+8 per mensem ... | 240 | ,, |
| Total ... | 1,656 | ,, |

| | | | |
|---|---|---|---|
| 2. | Wages.— | | |
| | 10 Male coolies at Re. 1 per day, 5 female coolies at As. 8 per day, 6 boys at As. 6 per day for 25 days in a month or a total of Rs. 368-12-0 per month ... | Rs. 4,425 | per annum |
| 3. | One pair of bullocks to operate the pug-mill... | 800 | ,, |
| 4. | Maintenance of machinery, oil, grease, etc. ... | 180 | ,, |
| 5. | Cost of clay ... | 1,500 | ,, |
| 6. | Fuel 50 tons at Rs. 20 a ton ... | 1,000 | ,, |
| 7. | Miscellaneous expenses ... | 239 | ,, |
| | Total ... | 9,800 | ,, |

Realisations anticipated.—

From the output of 10,000 tiles per month.—

| | | |
|---|---|---|
| 80 per cent of the first class tiles, *i.e.*, 8,000 at Rs. 140 per 1,000 tiles ... | 1,120 | per mensem |
| 10 per cent of second class tiles, *i.e.*, 1,000 at Rs. 100, per 1,000 tiles ... | 100 | ,, |
| 5 per cent of third class tiles, *i.e.*, 500 at Rs. 50 per 1,000 ... | 25 | ,, |
| 5 per cent breakages ... | ... | |
| Total ... | 1,245 | ,, |
| or ... | 14,940 | per annum |
| Net profit ... | 5,140 | ,, |

Place where machinery for similar units are available.—St. Joseph's Asylum, Industrial Workshops, Mangalore.

1. The figures and information given in this estimate are based on those found in the " Bagepalli Tile Factory File."
2. The cost of tile-frames and J. W. drying racks which had been omitted in the original estimate is now added.
3. Under " Recurring Charges ", the cost for clay is provided by the Superintendent of Industries, Bangalore, presumably to cover transportation charges. In case Government tank-bed is not available nearby, extra cost will be necessary to cover the cost of clay.
4. Under building estimates of the Executive Engineer, Kolar, submitted to Government, no allowance is made for slight rise in prices of materials that has occurred since the date of preparation of the estimates, *viz.*, about March 1945.
5. *Re* Cost of tile-frames and J. W. racks and items under Recurring charges, current market prices are reckoned.

*Note.*—The figures given in this estimate could not be verified by data collected on the work spot.

## 13. TILE FACTORY (SMALL SCALE).

EXPENDITURE.

| | | | | |
|---|---|---|---|---|
| 1. | Non-recurring.— | | Rs. | Rs |
| | (*a*) Buildings, Kiln, Chimney, Well including cost of acquisition of land | ... | 12,400 | |
| | (*b*) Machinery | ... | 5,400 | |
| | (*c*) Tile-frames and drying racks | ... | 11,000 | |
| | | | | 28,800 |
| 2. | Recurring.— | Rs. | | |
| | (*a*) Raw-materials | ... 3,719 | | |
| | (*b*) Wages | ... 4,425 | | |
| | (*c*) Establishment | ... 1,656 | | |
| | | | 9,800 | 9,800* |
| 3. | Realisations anticipated | | | 14,940* |
| 4. | Net profit ... ... | | | 5,140* |

* Per annum.

*Copy of letter No. D5-88—45-46, dated 12th January, 1946, from the Director of Industries and Commerce in Mysore, Bangalore, to the Secretary to Government, Development Department, Bangalore.*

*Subject* :—**Appointment of an Industrial Supervisor for each District to organise and supervise the work of Home Industries to be started under the Rural Development Scheme.**

With reference to your letter No. D. 1605, dated the 13th December 1945, on the above subject, I have the honour to state that I have submitted a three-year-plan for the starting and developing of Cottage Industries in the State in correspondence ending with my letter of even number dated the 21st December 1945. A copy of this scheme has also been sent to the Commissioner for Economic Development and Planning. It came up for discussion in the Meeting of the Board of Industries and Commerce on the 21st December 1945, and has been approved by them after a lengthy discussion.

The total cost of the scheme amounts to Rs. 25,53,680 but the net expenditure will be Rs. 13,69,150 after deducting probable realisations, as per the abstract noted below :—

| | *Non-recurring.* | *Recurring* | *Realisations* |
|---|---|---|---|
| | Rs. | Rs. | Rs. |
| 1st year (1945-46) ... | 3,21,005 | 5,15,435 | 2,41,830 |
| 2nd year (1946-47) ... | 2,15,320 | 5,28,324 | 3,78,260 |
| 3rd year (1947-48) ... | 2,85,620 | 6,87,976 | 5,64,440 |
| Total ... | 8,21,945 | 17,31,735 | 11,84,530 |

| | | |
|---|---|---|
| Total cost of the Scheme ... | Rs. 25,53,680 | |
| Deduct anticipated realisations. | Rs. 11,84,530 | |
| | 13,69,150* | |

(*Grant already sanctioned for 1945-46 is Rs. 98,000 ; deducting this, the net cost of the Three-Year Scheme will be Rs. 12,71,150).

As per instructions obtained from the Minister for Public Works, I have submitted a One-year-Plan which fits into the Three-Year-Plan. The essential features of this plan are the taking up of a dependable statistical survey of all types of Cottage Industries, *viz.*, Agricultural, Forest and other Industries. These industries are proposed to be taken up on an intensive scale and the Functional Experts as proposed in para 5 of my letter dated the 3rd October 1945 will, after necessary investigation into technical aspects, prepare type designs for industries that can be started and developed.

It is also necessary to prepare a handbook or a brochure for each district containing a detailed plan and estimates for industries that could be started and developed in each district. In addition to this, a few industries at suitable places in each area could be taken up and developed on a commercial basis or as demonstration or training Centres, the total number of Centres started being restricted to 107 as envisaged in the Three-Year-Plan submitted by me.

It is, therefore, necessary to set up a suitable organisation in each district for first investigating and then proper supervision and execution of the work decided upon. In my view each District Officer should be of the rank and status of a Senior Amildar and he should be assisted by experienced technical men and office establishment.

The following staff will, therefore, be the minimum necessary for the purpose :—

| | | Rs. |
|---|---|---|
| 1. | Officers of the status of a Senior Amildar, 9 at Rs. 250 per mensem | 250 |
| 2. | Mechanics, 9 at Rs. 80 per mensem | 80 |
| 3. | Two Clerks for each Amildar at Rs. 50 each, (18 Clerks) | 100 |
| 4. | Two Peons at Rs. 15 each (18 Peons) | 30 |
| | Total | 460×9 |
| | | 4,140×12 |
| | | 49,680 per year or 50,000. |

I feel that it is very necessary to have an Officer of sufficient status in each District, so that he can first of all investigate and then inspect and guide the activities in the area for some years in the initial stages. In the course of about three years, sufficient advance will have been made in the development of Rural Industries and thereafter it will be enough to set up a simpler organisation whose functions will be mainly to supervise the Cottage Industries started by individuals to supply raw materials and designs needed by each industry and also to help the Centres to market the products.

As regards the organisation at the Head Office, I have already indicated the establishment required in this behalf in the three-year-plan submitted by me. An extract of the same is furnished below :—

1 Section Superintendent on Rs. 120-10-150
2 Senior Clerks on Rs. 60-4-80 each
2 Junior Clerks on Rs. 30-3-60 each
2 Accounts Clerks on Rs. 30-3-60 each
1 Senior Auditor on Rs. 100-5-125
3 Junior Audit Clerks on Rs. 40-4-80 each
1 Steno-typist on Rs. 40-4-80
1 Sales Officer on Rs. 100-10-150
1 Draftsman on Rs. 100— fixed
4 Peons on Rs. 15 each

The total net extra cost involved on the above establishment is Rs. 9,351 per year as indicated in the proposition statement already sent.

Besides the above organisation, I have also proposed in the Three-Year-Plan the appointment of Experts for several industries with necessary clerical staff involving a recurring expenditure of Rs. 32,400 per annum and the

appointment of an Assistant Engineer with staff involving Rs. 4,780 per annum.

It is necessary that an Assistant Director in grade of Rs. 200—40—2/400 should be placed in independent charge of the Rural Industries Section under the general supervision of the Director as already proposed by me in the Three-Year Plan.

The Managing Committee of the Occupational Institute has resolved in one of their recent meetings to start an Occupational Institute in one or two places in the State to train candidates as Artisans who will ultimately take up Cottage Industries run by electric power, etc. It is, therefore, necessary to devote particular attention to the development of Cottage Industries generally. In this connection, it would be of immense help if necessary appliances and machinery suitable for Cottage Industries are manufactured and supplied for the purpose by some of our industrial concerns. The Government Electric Factory may concentrate attention on the manufacture of Electric Motors and other electrical appliances and the C. I. Workshop may manufacture simple machinery and appliances that can be introduced in the development of Cottage Industries. The workshop should devote its attention solely for the manufacture of machinery of suitable designs. I shall submit suitable proposals in this behalf.

It is found that in all such development works (as in the case of the Central Indian Tobacco Committee) a lump-sum grant is made available to the committee to carry on the work. In the case of the Central Indian Tobacco Committee, an annual outright grant of Rs. 10,00,000 is given and the responsibilities of devising ways and means for spending the amount in useful ways is vested in the Committee. Similarly, I suggest that the gross amount as indicated in my Three-Year Plan under each year may be placed at the disposal of the Cottage Industries Committee or preferably a responsible committee which will be charged with the execution of the plan according to the details set forth therein after obtaining necessary approval by Government wherever necessary. I feel strongly that sanction of Government may be accorded to the setting up of the organisation and the allocation of finance as proposed by me in the scheme, the working of the details being left to the Committee. The conduct of surveys, preparation of estimates, the starting of demonstration and

commercial units as envisaged in the scheme, will be taken up rapidly and attempts will be made to achieve results commensurate with the expenditure involved on the Scheme.

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*Copy of letter No. D. 5-88—45-46, dated 13th August 1946, from the Director of Industries and Commerce in Mysore, to the Secretary to Government, Development Department, Bangalore.*

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*Subject* :—**Three-Year Plan for the Development of Rural and Cottage Industries.**

With further reference to my D. O. letter of even No. dated 1st April 1946, on the above subject, I have the honour to clarify the following points in the proposals submitted by me from time to time.

The three Year Plan submitted with my letter No. D5. 88-45-6, dated 26th September 1945, was in accordance with the instructions received from the Dewan.

The modified plan for one year submitted with my letter of even No. dated 3rd October 1945, was in accordance with the instructions received from the Minister for Public Works.

In addition to the proposals submitted in the above two letters, I had in my letter No. D5. 88—45-46, dated 15th January 1946, suggested the appointment of suitable organisation in each district consisting of an officer of the status of a Senior Amildar. As, however, Government have since sanctioned the appointment of District Development Officers, there will be no necessity for the appointment of such officers in each district. Proposals for the appointment of nine Mechanics in each district however hold good.

In regard to the Central staff proposed, the work relating to the Rural Industries Section is now being attended to by the Departmental staff sanctioned as per re-organisation in 1928 when there was no Rural Industries. The work could be managed in the initial stages with this staff as there were only about 12 or 15 Centres up to 1942-43. As the Centres have now been increased

to 45 and as fresh Centres are being started and work in the existing Centres is being developed from year to year, it has been found impossible to get through the work relating to these Centres with the departmental staff hitherto detailed for this work. Hence a strengthening of the Staff consisting of:

One Section Superintendent.
Senior Clerks.
Junior Clerks.
Accounts Clerks, etc.

has been proposed by me. The post of the Sales Officer included in this staff is, however, not a new appointment; only a revision of the grade is proposed now. Similarly, the appointment of a Designer on Rs. 60 has been sanctioned by Government temporarily for a year. In lieu of this, one appointment of a Draftsman on Rs. 100 has been asked for.

The proposals for the appointment of Experts with their staff, one Assistant Engineer with his staff also hold good.

The administrative work involved in the scheme cannot be attended to by the existing staff for the reasons already enumerated. The staff as proposed above will, if sanctioned, be necessary even if it is decided to proceed for the present, only on the basis of the modified plan for one year (para 3) which has been devised to fit into the three-year scheme.

As the official year 1945-46 has now closed, the period for the three-year plan may be considered as commencing from 1946-47 and ending with 1948-49.

The total expenditure for 1946-47 as per statements and proposals submitted from time to time is as noted below during the first year.

| | *No. of Centres.* | *Recurring.* | *Non-recurring.* |
|---|---|---|---|
| | | Rs. | Rs. |
| 1. Existing Centres during 1946-47 ... | 45 | 72,715 | 17,945 |
| 2. Proposed during the year ... | 23 | 10,948 | 2,27,740 |
| 3. Experts with staff ... ... | | 32,400 | ... |
| 4. Assistant Engineer with staff ... ... | | 4,780 | ... |
| 5. Central Organisation (staff in my office). ... | | 9,351 (nett) | ... |
| 6. Scholarships ... ... | | 18,000 | ... |
| 7. Additional grant (omitted) ... ... | | ... | ... |

| | | Rs. | Rs. |
|---|---|---|---|
| 8. Nine Mechanics ... ... | | 6,480 | ... |
| 9. Working advance to stock 2 sets of machinery (omitted) as Government have since sanctioned Rs. 20,000 under "23-(A). Other Advances." | ... | ... | ... |
| 10. Other expenditure (omitted) ... ... | | 3,54,674 | 2,45,685 |
| Total Recurring and Non-recurring ... ... | | ... | 6,00,359 |
| Less grant sanctioned for 1946-47 ... (Rs. 3,00,000—Rs. 27,000 allotted to the Director of Textiles –Rs. 2,73,000). | ... | ... | 2,73,000 |
| Net additional grant required | ... | ... | 3,27,359 |
| Deducting anticipated realisations of the nett expenditure on working the scheme during the first year will be Rs. 85,529 (Rs. 3,27,359 – Rs. 2,41,830=Rs. 85,529). | ... | ... | 2,41,830 |

I request Government to pass orders on the following points in order that work may be proceeded with on the first stage of the plan.

(1) To sanction an additional grant of Rs. 3,27,359 to go ahead with the scheme during 1946-47.

(2) Sanction for the appointment of nine Mechanics on Rs. 80 each.

(3) Sanction for staff in the Head Office consisting of:—

(1) Section Superintendent on Rs. 120—10—150.
(2) Two Senior Clerks on Rs. 60—4—80 each.
(3) One Steno-typist on Rs. 40—4—80.
(4) Two Junior Clerks on Rs. 30—3—60 each.
(5) Two Accounts Clerks on Rs. 30—3—60 each.
(6) One Senior Auditor on Rs. 100—5—125.
(7) Three Junior Audit Clerks on Rs. 40—4—80 each.
(8) One Draftsman on Rs. 100.
(9) Sales Officer on Rs. 100—10—150.
(10) Four Peons on Rs. 15 each.

(4) Assistant Engineer with staff as detailed below:—

(1) One Assistant Engineer on Rs. 200—20—400.
(2) One Clerk on Rs. 30—3—60.
(3) One Peon on Rs. 15.

(5) Sanction for the appointment of the following Experts with office staff as noted below :—

(1) Hand Paper Making, Rs. 100—10—150.
(2) Leather Tanning and Stitching Rs. 200—20—300.
(3) Pottery, Rs. 150—10—200.
(4) Tile Making, Rs. 100—10—150.
(5) Coir and Fibre, Rs. 150—10—200.
(6) Mat and Aloe fibre, Rs. 100—10—150.
(7) Smithy, Rs. 100—10—150.
(8) Button Making, Rs. 100—10—150.
(9) Lacquer Industry, Rs. 100—10—150.
(10) Glass Bangle Industry, Rs. 200—20—300.

Office staff for the above Experts—

(1) 20 clerks, two for each expert.

(*a*) One Senior Clerk on Rs. 50.
(*b*) One Junior Clerk on Rs. 35.

(2) 10 Peons on Rs. 15.

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*Copy of letter No. D5-88—1945-46, dated 8th October 1946, from the Director of Industries and Commerce in Mysore, Bangalore, to the Secretary to Government Development Department, Bangalore.*

*Subject* :—**Three-Year Plan for the Development of Cottage Industries —Building and constructional works relating to the Cottage Industries, etc.**

In continuation of my letter of even No., dated 14th August 1946, clarifying the appointments in the proposals submitted by me from time to time, I have the honour to invite your kind reference to my letter of even number dated 15th April 1946, pointing out the necessity for the appointment of one Assistant Engineer with staff under the control of this Department with a view to take up the building and construction works departmentally. As already reported by me, the Department has about eight building and constructional works relating to Rural Industries on hand now as detailed below :—

1. Wood Seasoning Kiln, Channapatna.
2. Tile Factory at Bellur.
3. Do Bagepalli.

4. Glazing Kiln and Pottery Shed, Closepet.
5. R. W. C. Buildings at Anandapur.
6. Tannery, Mangalawarpet.
7. Do Idagur.
8. Do Pavagada.

It has been experienced by the Department that if these works are entrusted to the Public Works Department there will be considerable delay in the construction of these building works. The Executive Engineer has in the usual course to obtain sanction of the Superintending Engineer and the Chief Engineer. Tenders are then called for and the work will be taken up after approval of the lowest tender. In the case of construction of building for Nelamangala Industrial School and also Malavalli Tannery, there was a delay of two to three years in the construction of the building. The delay in the construction of the buildings required for Rural Industries involves consequential delay in starting Rural Industries. I have therefore proposed the appointment of an Assistant Engineer who will in the first instance prepare the necessary drawings and estimates and the approval of Government for these estimates will be obtained in the usual course. After Government sanction is accorded to the estimates, the Assistant Engineer will under my instructions proceed to call for tenders and when the tender is accepted by me, the Assistant Engineer will proceed with the construction of the buildings by personally supervising them. By the adoption of this procedure the present inconveniences and delays will be avoided and to that extent there will be expedition in the starting of Rural Industries for which competent sanctions have been accorded. I therefore, request my proposals for the appointment of the Assistant Engineer with his staff as noted in the margin may kindly be sanctioned in advance to enable me to push through the building programmes expeditiously.

1. Assistant Engineer on Rs. 200—20—400.
2. Clerk on Rs. 30—3—60.
3. Peon on Rs. 15.
(Draftsman's place is included in central staff proposed and this draftsman will assist the Assistant Engineer.)

In addition to the above works, according to the Three-Year Scheme submitted to Government, the existing 45 centres are proposed to be increased to 107 and there will be many building and constructional works to be executed spread over a period of three years.

*Copy of letter No. 2284—Books, dated 12th June 1946 from the Comptroller to the Government of Mysore, Bangalore, to the Secretary to Government, Development Department, Bangalore.*

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*Re* : **Verification of the Proposition Statement relating to Rural Industries Section of the Office of the Director of Industries and Commerce in Mysore, Bangalore.**

With reference to your letter No. D. 8264—I. & C. dated 8th May 1946, on the above subject, I have the honour to forward herewith duly verified the proposition statement in duplicate, received from the Director of Industries and Commerce in Mysore, Bangalore, with a copy of his letter No. D. 5-88—45-46, dated 17th December 1945, addressed to you in the matter.

The proposals as set forth in the proposition statement involve an extra cost of Rs. 779-4-0 per mensem or Rs. 9,351 per annum subject to the remarks noted on the proposition statement.

Finance and Account Form 11.] (*Vide* Art. 71, M. C. A. C., Vol, I, Appendices and Forms.)
Finl. 200] Statement of Proposition for Revision of Establishment—Rural Industries Section.

Name of Office to which the proposition relates: Office of the Director of Industries and Commerce in Mysore, Bangalore.

| Government orders sanctioning present Establishment | | Nature of Charge | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Present Scale | | | | | | Proposed Scale | | | | | |
| | | | | Pay | | | | | | Pay | | | |
| No. | Date | No. | Designation | Minimum | Rate of increase | Maximum | Average Cost | No. | Designation | Minimum | Rate of increase | Maximum | Average Cost |
| ... | * 1 | 1 | First Grade Clerk ... | 40 | 4 | 100 | 75 | 1 | Section Superintendent... | 120 | 10 | 150 | 145⅘ |
| | | 1 | Second do ... | 30 | 3 | 60 | 50 | 2 | Senior Clerks ... | 60 | 4 | 80 | 150 |
| | | 2 | Clerks ... | 30 | ... | 30 | 60 | 2 | Junior Clerks ... | 30 | 3 | 60 | 100 |
| ... | 2 | 1 | Cottage Industries Committee Clerk. | 50 | ... | 50 | 50 | 2 | Accounts Clerks ... | 30 | 3 | 60 | 100 |
| | | | | | | | | 1 | Senior Auditor ... | 100 | 5 | 125 | 118⅘ |
| ... | 3 | 1 | Sales Officer ... | 100 | ... | 100 | 100 | 3 | Junior Audit Clerks ... | 40 | 4 | 80 | 200 |
| ... | 4 | 1 | Designer ... | 60 | ... | 60 | 60 | 1 | Stenotypist ... | 40 | 4 | 80 | 66 2/3 |
| | | | | | | | | 1 | Sales Officer ... | 100 | 10 | 150 | 133 1/3 |
| | | | | | | | | 1 | Draftsman ... | 100 | ... | 100 | 100 |
| | | | | | | | | 4 | Peons ... | 15 | ... | 15 | 60 |
| | | 7 | Total ... | | | | 395 p.m. | 18 | Total ... | | | | Rs. 779⅕ p. m. or Rs. 9,351 per year. |

NOTE.—To be prepared in duplicate and forwarded through the Comptroller in Mysore and should be followed by a reappropriation statement, if the proposal involves additional expenditure.

*(1) Permanent Clerk as per re-organisation of 1928. Correspondence ending in G. O. No. D. 9331-2—I. and C. 269-28-26, dated 19th February 1930.
(2) G. O. No. D. 7876-7—I. and C. 182-44-4, dated 23rd May 1945—sanctioning the continuance of the Cottage Industries Committee Clerk.,
(3) G. O. No. D. 8437-8—I. and C. 439-44-4, dated 8th June 1945—sanctioning the continuance of the appointment of the Sales Officer.
(4) G. O. No. D. 962-3—I. and C. 55-45-2, dated 9th August 1945—sanctioning the place of the Designer.